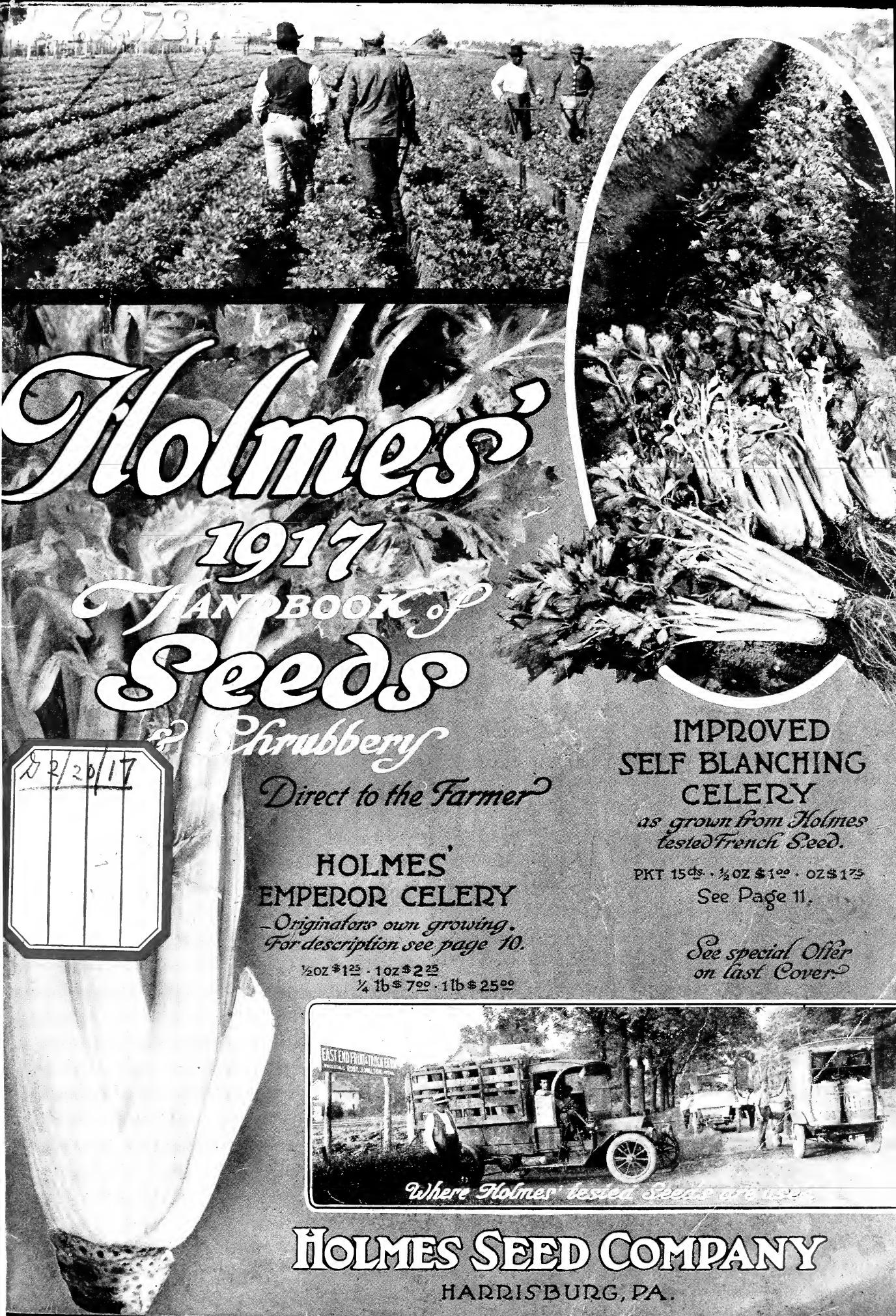


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Holmes'

1917

HANDBOOK of

Seeds

Fruit & Shrubs

Direct to the Farmer

HOLMES' EMPEROR CELERY

Originators own growing.
For description see page 10.

1/2 OZ \$1²⁵ · 1 OZ \$2²⁵
1/4 LB \$7⁰⁰ · 1 LB \$25⁰⁰

IMPROVED
SELF BLANCHING
CELERY
*as grown from Holmes
tested French Seed.*

PKT 15¢ · 1/2 OZ \$1⁰⁰ · OZ \$1²⁵

See Page 11.

See special Offer
on last Cover



Where Holmes' tested Seeds are sold

HOLMES SEED COMPANY

HARRISBURG, PA.

TWENTY YEARS IN BUSINESS

THIS IS WHAT TALKS

SATISFACTION GUARANTEED

OR YOUR MONEY BACK

All Seeds or other articles listed in this Catalogue are sold with the understanding that should they fail to please, we will refund the price paid or duplicate your order free

BULK SEED DISCOUNTS

On a \$5 Order, Discount is 10 percent.

On a \$10 Order, Discount is 15 percent.

On a \$20 Order, Discount is 20 percent.

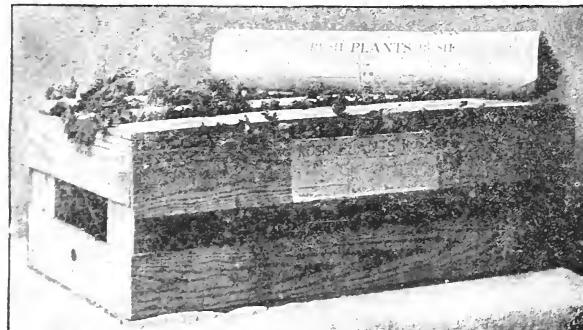
This discount is allowed on all general orders for Flower and Vegetable Seeds in packets, ounces, quarter-pounds, pounds, pints, quarts, four quarts, pecks and bushels, when the order is for five or more items, but is not allowed on an order for a single item, nor on Potatoes, Onion Sets, Bulbs, Grass Seeds and Field Seeds, such as Field Corn, Oats, Barley, Cow-Peas, etc. On orders of packets or ounces amounting to \$1.00, deduct 20 cents from each one dollar sent.

We prefer giving our customers the advantage in good, solid money, than by offering premiums of books, and many other things with little or no value—with the cash discount you then can buy what you like.

Vegetable and Flowering Plants DELIVERED AT YOUR OWN DOOR

WHY TAKE CHANCES ON YOUR CROP WHEN YOU CAN BUY STRONG TRANSPLANTED PLANTS, GUARANTEED TO REACH YOU IN GOOD GROWING CONDITION?

All the leading varieties are grown. Plants are put up in well ventilated packages, and in buying our plants you need take absolutely no chances.



Small orders, 2,000 plants or less usually are sent by Parcel Post. Large orders by Express.
WE PREPAY the postage and express charges on all plants.

Varieties ready March 15 to June 25

GIANT MAMMOTH PANSIES (in bloom)
Doz. 40 cts. 3 Doz. \$1.00 100-\$3.00

EARLY SNOWBALL CAULIFLOWER

Doz. 20 cts. 3 Doz. 50 cts. 100-\$1.00 500-\$3.75 1,000-\$6.75

EARLY BEETS

Early Sure Go Early Eclipse
Doz. 10 cts. 4 Doz. 35 cts. 100-65 cts. 500-\$2.00 1,000-\$3.50

BIG BOSTON LETTUCE

Doz. 10 cts. 4 Doz. 35 cts. 100-65 cts. 500-\$2.00 1,000-\$3.50

EARLY CABBAGE

Early Jersey Wakefield Copenhagen Market Early Summer
Doz. 15 cts. 4 Doz. 50 cts. 100-90 cts. 500-\$3.50 1,000-\$5.50

TOMATO

Sparks' Earliana Bonnie Best Early 4th of July Matchless
Hillborn's Globe Liv. Stone Chalk's Early Jewel
Ponderosa Dwarf Stone
Doz. 15 cts. 4 Doz. 50 cts. 100-90 cts. 500-\$3.50 1,000-\$5.50

Holmes' Favorite Plant Collection

A complete family garden, 12 dozen plants (actual value \$1.50),
PARCEL POSTPAID for only \$1.00.

3 Doz. Early Beets
2 Doz. Early Cabbage

1 Doz. Early Cauliflower
2 Doz. Early Celery
1 Doz. Main Crop Tomato

2 Doz. Big Boston Lettuce
1 Doz. Early Tomato

This collection consists of the best varieties and is arranged to give you a nice succession of fresh vegetables throughout the entire summer. Much valuable time is saved when a large number of orders can be put up exactly alike. In buying this collection **YOU RECEIVE THE BENEFIT OF THIS SAVING.**

Ready May 1.

EGG PLANTS
Doz. 25 cts. N. Y. Spineless Black Beauty
3 Doz. 65 cts. 100-\$1.50 500-\$4.75 1,000-\$8.75

EARLY CELERY

White Plume Golden Self-Bleaching
Doz. 10 cts. 4 Doz. 35 cts. 100-65 cts. 500-\$2.75 1,000-\$4.50

PEPPERS

Ruby King Chinese Giant
Doz. 20 cts. 3 Doz. 50 cts. 100-\$1.00 500-\$3.75 1,000-\$6.75

YELLOW NANSEMOND SWEET POTATO
Doz. 10 cts. 100-45 cts. 500-\$1.75 1,000-\$2.90

ORDER FOR HOLMES' TESTED SEEDS, ETC.

HOLMES SEED COMPANY

**STORE AND GENERAL OFFICES
106-108 SOUTH SECOND ST.**

HARRISBURG, PA.

Name _____

P. O.

County.

State

HOW TO BE SENT: NAME OFFICE BELOW:

Express Office.

Freight Office

Is there an agent at your freight office? -

WE DELIVER FREE ANYWHERE IN THE UNITED STATES TO ANY P. O. OR
ALL VEGETABLE SEEDS, FLOWER SEEDS AND BULBS R. R. EX. OFFICE
EXCEPT WHERE NOTED

PURCHASER PAYS TRANSIT CHARGES on pints, quarts, pecks, bushels and barrels,
and Farm Seeds, Tools, Implements, Insecticides, etc.

THE HOLMES SEED CO., Harrisburg, Pa.

The New Gentlemen

The Department has delayed reporting on the Holmes Emperor Celery, because the last of it has just been taken out of storage. I am pleased to say, judging by one year's trial, that it is at least all you recommend it to be. For late fall and early winter it is the best celery I have ever handled. While it is not an extremely large grower, neither is it as uniform or well appearing as some of the varieties on the market, it blanches quickly and evenly, the stems and hearts are full and heavy and it is the finest flavored celery I have ever tasted. So gratified I am with the results that I would like to carry the test over another season, so that you might send me another supply of seed this year.

I regret that, if you cannot send the Laxtonian peas, I intended testing it out along side of similar varieties this year. I would appreciate therefore a small quantity of it, if you can spare.

Very truly yours

December 28, 1916

J. B. SCHERRER, Asst. Professor of Horticulture.

HOLMES SEED COMPANY, HARRISBURG, PA.

- 36 Early Beet
- 24 Early Cabbage
- 24 Early Celery
- 12 Early Cauliflower
- 24 Head Lettuce
- 12 Early Tomatoes
- 12 Main Crop Tomatoes

144 for \$1.00

READ!

**SPECIAL OFFER OF 12 DOZ. VEGETABLE
PLANTS, VALUE \$1.50, for \$1.00, DELIVERED
AT YOUR DOOR**

This Collection will be
ready to be shipped from
• May 10 to June 15, 1917

If you desire the above splendid offer, please enclose
\$1.00 and mark line below with an X

SPECIAL PLANT OFFER FOR \$1.00

Why Not Plant Some Asters?

They will add to your pleasures and increase
your profits

The Queen of the Market Aster is easily grown, and usually is in full bloom two weeks before most other sorts. The blooms are produced on good long stems in great abundance.

Several hundred plants oftentimes could be planted in spare corners that would greatly improve the appearance of the surroundings and the blooms can be sold for profit.

In separate colors we offer white, pink, crimson and dark blue.

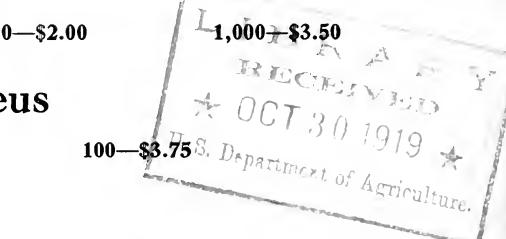
Our mixture consists of a wide range of many of the most beautiful colors that will please you.

Doz. 10 cts.

4 Doz. 35 cts.

100—65 cts.

500—\$2.00



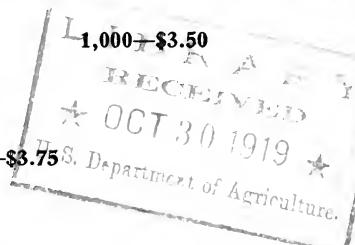
"Queen of the Market"

Fancy Large Leaved Coleus

6 for 35 cts.

Doz. 50 cts.

100—\$3.75



Scarlet Sage

6 for 35 cts.

Doz. 50 cts.

100—\$3.75

FIELD GROWN PLANTS

Millions of Field Grown Plants are grown and shipped to almost every state in the Union. The improved methods of growing, digging and packing our plants insures your satisfaction.

Field Grown Plants are usually ready at the dates specified. Exceptional weather conditions sometimes make it necessary to hold orders a few days, but you can always expect safe arrival of good stocky plants that will be profitable to you.

Cabbage

Ready May 25

Copenhagen Market—Succession—Flat Dutch—Surehead—Stonehead—Danish Ballhead

Doz. 10 cts.	3 Doz. 25 cts.	100—50 cts.	500—\$1.00	1,000—\$1.50	5,000—\$6.90
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Tomato

Early 4th of July—Chalk's Jewel—Bonnie Best—Liy. Stone—Ponderosa

Doz. 10 cts.	4 Doz. 35 cts.	100—55 cts.	500—\$2.25	1,000—\$3.50	5,000—\$14.85
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Snowball Cauliflower

Ready June 10.

Doz. 15 cts.	2 Doz. 25 cts.	100—50 cts.	500—\$1.85	1,000—\$2.85	5,000—\$12.75
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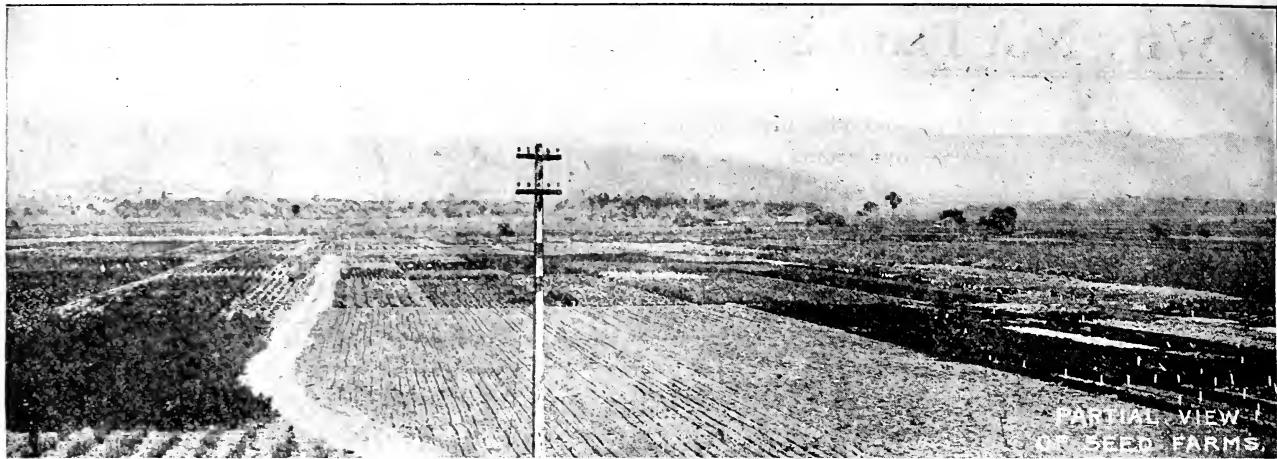
Golden Self-Bleaching Celery (From French Seed)

Ready June 25.

Doz. 10 cts.	4 Doz. 35 cts.	100—55 cts.	500—\$1.85	1,000—\$2.85	5,000—\$12.75
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White Plume—Giant Pascal—Winter Queen

Doz. 10 cts.	3 Doz. 25 cts.	100—45 cts.	500—\$1.25	1,000—\$2.00
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We call this Catalog "Holmes" Advance Agent

Since the Parcel Post has been inaugurated, it is now just as easy for the farmer to buy direct from our catalog as to call at our store or have our salesman call on you. "The Tested Seeds" offered by the Holmes Seed Co. are seeds of "Known Vitality and Purity," and are the best soil and good cultivation can grow. Forty years' experience enables us to know, and we realize that the farmer and home gardener must have the best that grows.

ARTICHOKE

Artichoke Articiocca
Karczocky

CULTURE—May be grown from seed sown in April, or from suckers taken from established plants. The seed can be sown in beds and the plants transplanted to rows 4 feet apart, 18 inches between. Three ounces of seed will sow 100 yards of row.

LARGE GREEN GLOBE. Grown chiefly for unripe flower heads, Pkt. Oz. $\frac{1}{4}$ lb. By Mail, Postpaid \$0 05 \$0 25 * \$0 85 delicious.....

ASPARAGUS

Spargel Sparagio
Szparagi

CULTURE—Sow in March or April, in rows 1 foot apart. When two years old, transplant into permanent beds. Set the plants in rows from 3 to 4 feet apart and 2 feet in the row, and cover gradually during the season to 6 or 8 inches. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

Barr's Mammoth. Valuable for market; stalks large, Pkt. tender, light. See illustration..... \$0 05

COLUMBIAN MAMMOTH WHITE. New variety; valuable for its whiteness..... 05

CONOVER'S COLOSSAL. Mammoth, green, of largest size; extra good..... 05

Giant Argenteuil. Early, large, good, flavor sup'b, white..... 10

PALMETTO. Thick, dark green shoots, early, uniform, disease-resisting..... 05

By Mail, Postpaid
Oz. $\frac{1}{4}$ lb. Lb.
\$0 10 \$0 20 \$0 75

10 25 85

10 20 75

15 35 1 00

10 25 85

ASPARAGUS ROOTS

Two years old: 2,500 roots are required to plant an acre.

BARR'S MAMMOTH, and **COLUMBIAN MAMMOTH WHITE.** 100

CONOVER'S COLOSSAL. Old and well-known variety..... 75

GIANT ARGENTEUIL. Extra good, large..... 1 25

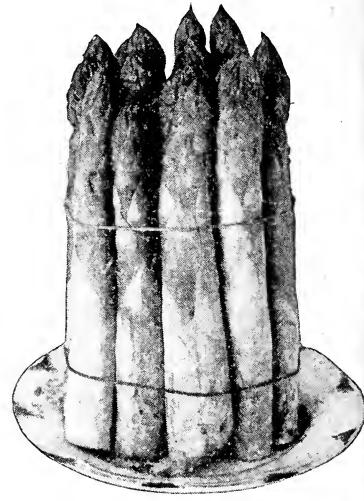
PALMETTO, or **ECLIPSE.** Early, prolific..... 1 25

By Exp. or Frt.,
Not Prepaid
500 1,000
\$3 00 \$5 50

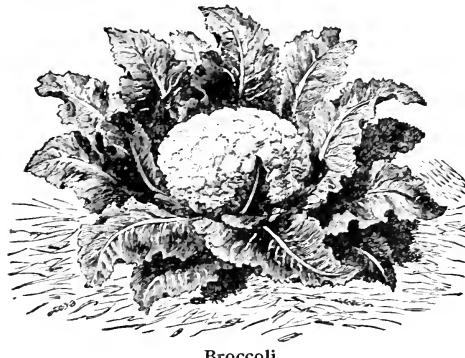
2 75 5 00

3 50 6 50

3 00 5 50



Barr's Mammoth Asparagus



Broccoli

BROCCOLI

One ounce will sow a bed 40 feet square

CULTURE—Same as cauliflower.

Early Purple Cape. Heads of medium size, close, compact, brownish purple. Best suited to our climate, and of excellent flavor. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.75.

BRUSSELS SPROUTS

CULTURE—The seed should be sown in April or May, and the plants cultivated like cabbage. The heads are improved by frost. An ounce of seed will produce 2,000 plants. Paris Market. Dwarf, with small, solid, tender heads, growing close along the stem. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Martinsville, N. J., Oct. 6, 1914.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen: Yours of the 26th at hand and am pleased to be able to say that all of your seeds and plants have done fine this year and am more than pleased with the results obtained, as everything was fine and true to name. I would also like to thank you for your very liberal policy of adjustment that has been tendered to me and will send you a check to cover my account.

Thanking you for past favors, I remain,

Yours very truly,

A. G. BLAUVELT.

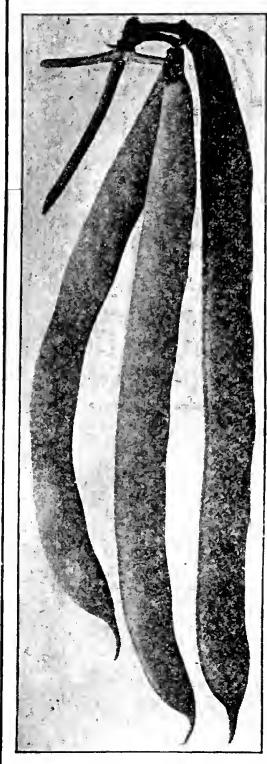
Loyalton, Pa., Oct. 15, 1915.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen: It gives me great pleasure to say that all your seeds did remarkably well with all the unfavorable weather conditions which existed the last summer. I made a specialty of your Jersey Pickles, Early Sweet Corn, and Celery, and was more than pleased with results. Hope I may have the pleasure of coming to your place of business again the coming spring. I remain,

Very truly yours,

WM. L. GAUGLER.

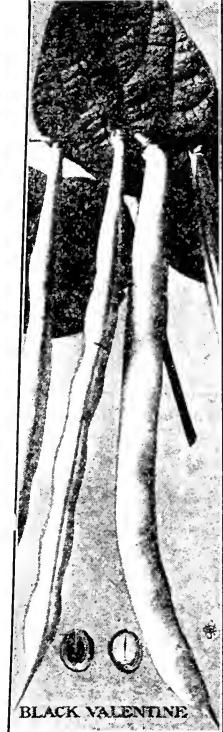


Field of Giant Green-Pod Valentine Bean. Pods at left shown one-half natural size

BEANS

Bohnen Fagioli
Fasola

CULTURE—About the first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One quart to 100 feet of drill. One and a half bushels per acre. **We put up liberal-sized packets at 10 cts., postpaid.**



Giant Green-Pod Stringless Valentine Bean

An Extra-Early, Green-Podded Bush Bean of fine quality. Remarkably early; exceedingly prolific. Ready for market in 45 days

One of the best green-podded Beans in the entire list, either for the home garden or for market. It is very early, exceedingly prolific, with pods fully one-third longer than the old standard Red Valentine. The pods are round and handsome and without any string. See illustration. Pkt. 10 cts., pt. 40 cts., qt. 60 cts., postpaid. By express or freight, not prepaid, qt. 50 cts., 4 qts. \$1.75.

Bountiful Bush

The first in the spring; last until fall; absolutely stringless

This is a flat-podded green Bean; enormously prolific and continuous bearer; early and late; absolutely stringless; very tender and excellent flavor. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.

Stringless Green-Pod

Absolutely stringless, of fine flavor; the earliest green-podded Bean. Without any exception it surpasses all others in crispness and tenderness. The pods are absolutely stringless and ready to market two weeks earlier than the best stock of other early Red Valentines. Pkt. 10 cts., pt. 40 cts., qt. 60 cts., by mail, postpaid. By express or freight, not prepaid, qt. 50 cts., 4 qts. \$1.75.

Black Valentine

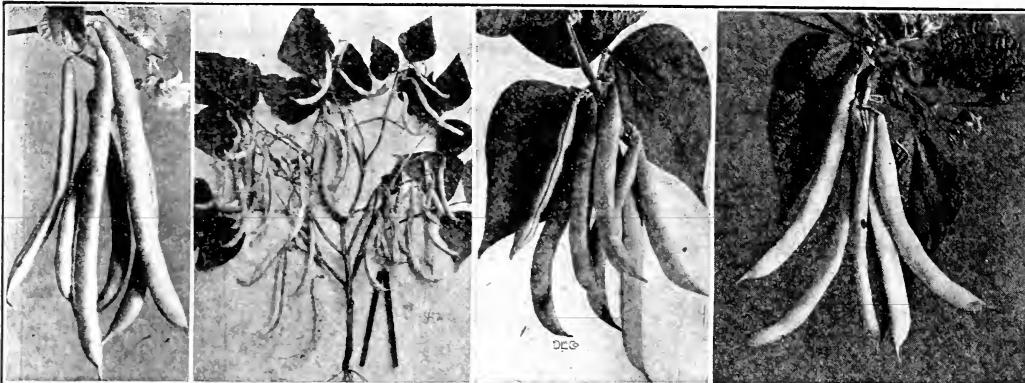
Very popular in the South for shipping to market, being a very vigorous, strong grower, making a long, handsome Bean, very meaty and one of the best and most prolific market sorts. See illustration. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.

DWARF GREEN-PODDED SNAP-SHORT BEANS

	By Mail, Postpaid		By Exp. or Frt., Not Prepaid	
	Pt.	Qt.	Qt.	4 qts.
BEST OF ALL. Round; long; glossy green; fleshy pods.....	20	30	25	\$1 00
Dwarf Horticultural. An excellent green-podded sort.....	35	50	50	1 75
EARLY CHINA RED EYE. Very early; old standard sort.....	30	45	40	1 50
EARLY MOHAWK. Very early and hardy; long, flat, straight pods.....	30	45	40	1 50
LARGE WHITE MARROWFAT. For winter use.....	30	45	40	1 50
Longfellow. Perfectly round; early; prolific; pods solid, fleshy.....	35	50	40	1 50
LONG YELLOW SIX WEEKS. Early, with full, flat green pods.....	35	50	40	1 50
LOW'S CHAMPION BUSH. Exceedingly fine; prolific.....	35	50	40	1 50
New Hodson Green-Pod. Long, straight, round, green pods.....	35	50	40	1 50
RED KIDNEY	30	45	35	1 25
Refugee, or 1,000-to-1. Late; hardy; very productive..	35	50	40	1 50
REFUGEE EXTRA EARLY. Very prolific; exceptionally free from strings....	35	50	40	1 50
ROUND YELLOW SIX WEEKS. Very prolific; semi-round pods.....	35	50	40	1 50
Tennessee Green-Pod. Excellent shipper; medium to late; flat pods.....	35	50	40	1 50
WHITE KIDNEY. Medium-sized pods; coarse; dark green; late.....	30	45	35	1 25
WHITE NAVY. Sure cropper; prolific; good quality; early.....	30	45	35	1 25



Bountiful Bush Beans



Sure-Crop Wax

Stringless Refugee Bean

B's Stringless Green Pod

Round Pod Kidney Wax

Turn to page 1, the Greatest Plant Offer ever made. 12 doz. Vegetable Plants all ready to put in your garden, only \$1.00, postpaid

New Round-Pod Kidney Wax Bean

The Meatiest, Crispest, Most Brittle and Entirely Stringless Bean Grown

Our customers have frequently asked for a round-podded Wax Bean, possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax, and this is the first Bean we have ever discovered that will fill the bill. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat; crisp, brittle and free from rust; wonderfully early and productive. See illustration. **Crop failed.**

Sure-Crop Stringless Wax

A dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size, measuring 7 to 7½ inches long, more than ½ inch wide, nearly ½ inch thick, and of excellent quality. But this is not all. It is one of the most prolific Bush Beans known to the trade, and its bountiful crop of splendid Beans sells at sight. See illustration.

Crop failed.

Michigan White Wax

This splendid variety may be briefly described as a white-seeded Golden Wax. It is one of the earliest Bush or Snap Beans. The vines are very vigorous and unusually productive. The pods are golden yellow, fully as attractive as the well-known Golden Wax and of the same exceptionally fine quality. The seed is white, a most valuable feature, as the dried white Beans always have a market. **Crop failed.**

Dwarf Wax-Podded Snap-Short Beans

	By Mail, Postpaid	By Exp. or Frt., Not Prepaid	Qt.	Qt.	4 qts. Crop failed
BRITTLE WAX. Entirely stringless; Pt. long and meaty.....					
Currie's Rust-Proof Wax. Crisp; tender; no stringiness; delicious flavor... .	40	60	50	1 75	
Davis' White Wax. Immensely productive; pods tough, with decided strings. Dry white seed. Desirable as a shell Bean.....	40	60	50	1 75	
GOLDEN-EYED WAX. Early; hardy; prolific; popular market sort.	40	60	50	1 75	
HODSON WAX. Sturdy grower; productive; a market Bean.....	40	60	50	1 75	
Holmes' Improved Silver. Pods silver - white; crisp; tender.....					Crop failed
IMPROVED RUSTPROOF GOLDEN WAX. Improved strain.....	40	60	50	1 75	
Improved Stringless Refugee Wax. Very productive; golden yellow pods; solid; brittle; stringless; quite early.....	40	60	50	1 75	

	By Mail, Postpaid	By Exp. or Frt., Not Prepaid	Qt.	Qt.	4 qts. \$1.75
Pencil - Pod Black Wax. Pods long, pencil-like, Pt. tender and brittle.....	40	60	50	1 75	
PERFECTION WAX. Large, hand-some pods; very showy.....	40	60	50	1 75	
PROLIFIC GERMAN BLACK WAX. Early; round; stringless; black seed.	40	60	50	1 75	
SADDLEBACK WAX. Entirely stringless; of fine quality.....	40	60	50	1 75	
Stringless White Wax. Straight wax pods; meaty; entirely stringless. Most desirable as shell Beans.....	40	60	50	1 75	
VALENTINE WAX. Perfect Valentine Bean with wax pod.....	40	60	50	1 75	
WARDWELL'S KIDNEY WAX. One of the best large-podded varieties.	40	60	50	1 75	

Holmes' Improved Striped Sickle Bean

The Very Best Corn Bean. The Original Strain

This is, without doubt, the best green-podded Pole Bean for snap-shorts. As a corn Bean it has no equal; the pods are produced in large clusters in great abundance and over 6 to 7 inches in length. Dark green; roundish flat; very thick and fleshy; brittleness retained until fully developed; of unusually rich flavor. The dry Beans are light brown, striped with black; excellent for winter use. **Pt. 30 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, qt. 40 cts., 4 qts. \$1.50.**

Dwarf Bush Lima Beans

FORDHOOK BUSH LIMA

Fordhook Bush Lima has an ideal bush growth and bears tremendous crops. The Beans are ready for use fully three weeks earlier than any other of the Pole Lima varieties. The plump, well-filled pods are twice as large as those of the Dreer's Bush, while the Beans are also twice the size, pods measuring 4 to 5 inches, containing four to five large Beans. See illustration. **Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, peck \$2.75.**

Burpee's Improved Bush. Enormous pods, borne abundantly; well-filled and very early. These are the largest pods of any of the Bush Lima Beans; vigorous bush with heavy foliage; plants uniformly upright. Pods 5 to 6 by 1½ inches. **Pkt. 10 cts., pt. 30 cts., qt. 50 cts., by mail, postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, peck \$2.25.**

Burpee's Bush Lima. Bushes 18 to 20 inches; immense yielder. **Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.**

DREER'S BUSH LIMA. Bush form of pole sort of same name. **Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 30 cts., peck \$2.**

HENDERSON'S BUSH LIMA. True bush variety, 18 to 20 inches high; early. **Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.**

MILLER BROS., Elmira, N. Y., write: "In reply to your inquiry concerning our garden seeds, we will say that we have bought almost exclusively from you for the past eight or nine years, and expect to continue to buy from you. That ought to be the best evidence that your seeds have given satisfaction."

HOLMES' GREEN PROLIFIC POLE LIMA BEAN

GROWS GREEN, KEEPS GREEN AND DRIES GREEN. THE ONLY LIMA BEAN THAT IS ABSOLUTELY GREEN WHEN DRIED

The most productive Pole Lima Bean, as early as the Early Jersey and unquestionably the most prolific of all Pole Limas. See below.

Lima Beans

CULTURE—All Lima Beans are very susceptible to rotting in cold, wet ground, and should not be planted until warm weather fairly sets in. One quart of Lima Beans will plant about 100 hills, allowing four to five Beans to a hill; 20 quarts will plant an acre in hills 4 x 4 feet. Poles 8 to 10 feet long should be firmly set in the hill before planting the seed. Poles should be set 4 feet apart each way.

WHAT THE GROWERS SAY

MESSRS. GEO. R. PEDRICK & SON, who grew this Bean for us this year, write: "The Holmes' Green Prolific Pole Lima Bean, which we grew for you this past season, was one of the most productive Pole Limas we have ever seen growing, bearing large clusters, six to eight pods, containing five to six perfect formed Beans as large as the King of the Garden or Large White Lima of true dark green color, which has long been sought by many seedsmen, and we believe this is one of the novelties which has come to stay that has merit. In flavor they are delicious and tender."

ORIGIN

This Pole Lima was originated in Philadelphia over sixty years ago by Mr. Lafferty, a market gardener, in the "Neck"—that portion of South Philadelphia lying between the Delaware and Schuylkill Rivers. Mr. Lafferty was a gardener of renown who made a specialty of growing Lima Beans for family and hotel trade, and being a very careful gardener succeeded in the course of his lifetime in producing this Bean. Through careful selection of the Beans, close observation and long years of application, he finally became known in his locality as the best grower of Lima Beans in the "Neck." He cherished this Lima Bean and was careful to keep it to himself until he died, when his son, Godfrey, brought it to Mr. Wm. K. Harris, the noted florist in Philadelphia, about twenty years ago, and he has used his best endeavors to keep it as true as the original type.

WHAT WE FOUND OUT—PODS

In our crop which we grew this year, we find the Bean equals the Early Jersey or any other variety for earliness, and is by far more productive than any other Pole Lima we have ever seen grow. It is not like the Mastodon Lima, which retains only a portion of the green coloring in the dry Bean, but each and every Bean of **Holmes' Green Prolific Pole** has that true, distinct, deep green color which insures the color when the Beans are shelled for market. The large pods hang in clusters of from five to eight, which makes them easy to gather, each having five to six Beans in a pod.

Pole Lima Beans

Holmes' Green Prolific Pole Lima. Grows green, keeps green, and the only Lima Bean that is absolutely green when dried. Equals Early Jersey for earliness and is more productive than any other Pole Lima we have ever seen. See illustration. Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

Carpinteria Lima. Beans largest size and much thicker than old type. Extra-fine quality. Pt. 25 cts., qt. 40 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

DREER'S IMPROVED LIMA. A thick, almost round Bean; fine quality. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

EXTRA-EARLY JERSEY LIMA. Much earlier than Large White Lima. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

KING OF THE GARDEN LIMA. Very prolific and heavy bearer. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

LARGE WHITE LIMA. The old favorite. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

SMALL WHITE, or CAROLINA SIEVA. A small seedling variety. Pt. 25 cts., qt. 35 cts., by mail, postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.50.

Trucker's Delight Extra-Early Lima. The green shelled Beans are of immense size, tender and succulent. Pt. 25 cts., qt. 40 cts., postpaid. By express or freight, not prepaid, qt. 25 cts., peck \$1.75.

WAX-PODDED POLE, or RUNNING

CULTURE—After settled warm weather, set 4 to 8-foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant five to eight Beans 2 inches deep; thin to four plants. One quart to 150 hills; 12 to 15 quarts to acre.

Early Golden Cluster Wax. GOLDEN BUTTER WAX. An excellent sort.

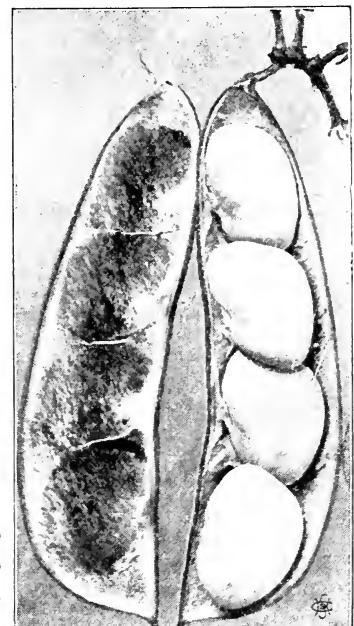
Kentucky Wonder Wax. New. Fleshy and quite golden-yellow.....

	By Mail, Postpaid	By Exp. or Frt., Not Prepaid	Qt.	Pk.
Early; thick, flat pods; prolific....	30	45	30	\$2 00
New. Fleshy and quite golden-yellow.....	30	45	30	2 00

Actual Size



(Exact size of pod)
Fordhook Bush Lima



Trucker's Delight Lima Bean

GREEN-PODDED POLE, or RUNNING

GOLDEN CARMINE-PODDED HORTICULTURAL. Early; stringless.....

	Pt.	Qt.	Qt.	Pk.
	25	35	25	\$1 75
	25	35	25	1 50

HORTICULTURAL, or WREN'S EGG. Best for corn Beans.....

	Pt.	Qt.	Qt.	Pk.
	25	35	25	\$1 75
	25	35	25	1 50

Lazy Wife. Pods dark green; fleshy; entirely stringless; rich flavor.....

	Pt.	Qt.	Qt.	Pk.
	30	50	50	2 50
	30	50	40	2 00

Old Homestead. (Kentucky Wonder). Crisp, early and prolific.....

	Pt.	Qt.	Qt.	Pk.
	25	35	25	1 35
	25	35	25	1 35

RED SPECKLED CUT-SHORT, or CORN HILL. Old variety; popular.....

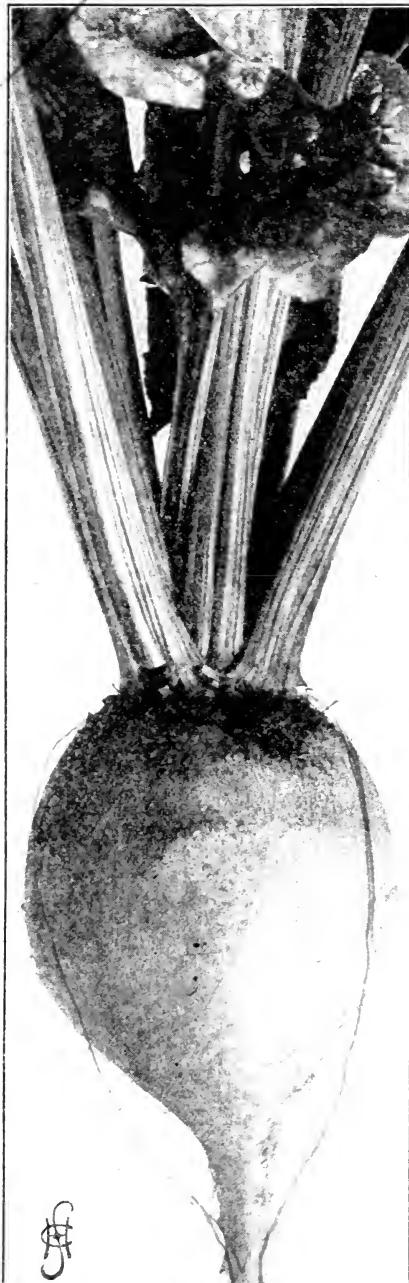
	Pt.	Qt.	Qt.	Pk.
	25	35	25	1 35
	25	35	25	1 35

SOUTHERN PROLIFIC. Continuous bearer.....

	Pt.	Qt.	Qt.	Pk.
	30	40	40	1 75
	25	35	40	1 75

White Creaseback Pole. Earliest snap-shorts; very productive; entirely stringless.....

	Pt.	Qt.	Qt.	Pk.
	30	40	40	1 75
	25	35	40	1 75



Holmes' White Top Blood Turnip Beet

EGYPTIAN. A standard extra early sort, being 10 to 12 days earlier than the old Blood Turnip. The roots are round and flattened, of good size and deep crimson in color; tops unusually small.

Holmes' Perfected Half Long. A Blood Beet of superior quality, tender, sweet and

flesh of vivid rich red color. The bulbs, about 3 inches in diameter, are pear-shaped, with slender tap root.

LENTZ. Leaves and roots are pale in color, but of delicious quality.

LONG, SMOOTH BLOOD RED. An excellent late variety, being a great improvement on the common Long

Blood and of intense dark red color.

SWISS CHARD. Delicious for Spinach.

A NEW BEET OF SUPERIOR MERIT HOLMES' "WHITE TOP" BLOOD TURNIP BEET

BEET THAT ADVERTISES ITSELF

For the past seven years we have been working up the stock of this particular beet, making our selection carefully from year to year, getting it ready to put on the market as near perfection as we could possibly wish. Whoever saw an absolutely light green top beet with pure **blood-red root?** It is unique in this particular way; it is one of the most tender of beets, of delicious flavor, and is absolutely unsurpassed for quality by any beet that we know of. This grand new beet—**HOLMES' WHITE TOP BLOOD TURNIP,** is almost globe-shaped, tapering somewhat toward the root. The flesh is a handsome dark red, sweet and tender at all stages of growth, regardless of size. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in this new beet. It is an ideal main crop beet and outsells all others wherever it is known.

It grows its own trademark, namely light green top—all red color remains in the beet. Consumers soon learn to look for the green top and buy it in preference to all others. By buying this year you can control the market and make big profits. The demand for beets of excellent quality is unlimited. Why not plant a few acres to beets and increase your profits? Eight to twelve hundred bushels per acre can easily be grown from seed if you sow it early in May in drills 24 inches apart, thinning them to 4 inches in the row. The keeping quality of **HOLMES' WHITE TOP BLOOD TURNIP BEET** has no equal. You can store the roots in the cellar or in a pit until spring and they will cook more tender and sweet than ordinary varieties.

Our stock seed of this beet was produced from a single plant which was grown by Mr. W. W. Tracy, of the Department of Agriculture, Washington, D. C. In conversation with Mr. Tracy, he remarked that this was the most unique novelty of the kind that he had ever seen, and he thought it was of so much value that he produced seed that he gave to our Mr. Holmes. He also stated that it was entirely distinct from any other beet he knew of and especially from the beet that was called the Cheltenham, and furthermore said in his opinion we had a great novelty. Mr. A. S. Dicks, Manager for Cooper, Taber & Co., of London, to whom we sent a few of the roots for trial, while he was in this country, writes as follows, under date of October 1, 1912:

"The beet roots have arrived in excellent condition and are a revelation to me. Large but not coarse. Sweet, solid, and a rich deep color. I shall be pleased to grow all you require if you will furnish me with stock seed."

We would advise any of our customers who want an exceptionally fine beet to try this. The seed sells at 10 cts. per pkt., 20 cts. per oz., 75 cts. per $\frac{1}{4}$ lb., \$2.50 per lb., 5 lbs. and over \$2.25 per lb.

BEETS Rübe Barbabietola Buraki

CULTURE—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 2 inches deep. For main crop sow first week in May; for winter, sow in June. Thin to 5 or 6 inches. One ounce to 50 feet of drill. Sow 5 pounds to the acre. Our selected stock of Beets is uniform and of fine quality. French-grown Beet seed is far superior to that grown in America, producing Beets uniform in every respect. Ours is French.

GENERAL BEETS LIST OF PRICES

(Delivered free in the U. S. unless otherwise noted)

	Pkt.	By Mail, Oz. 10	Postpaid $\frac{1}{4}$ lb. 20	Lb. 75
BEET. (1 oz. to 50 feet of drill; 5 lbs. per acre in drills.)				
BASTIAN'S BLOOD TURNIP. A fine second early, following Egyptian and Eclipse.....	05	15	35	1 00
CRIMSON GLOBE. The finest table Beet grown. Early, of medium size, uniformly round; color, deep crimson throughout; exceedingly tender and sweet, and a good keeper.....	05	10	30	1 00
Crosby's Egyptian. Very early and of excellent quality; small tops.....	05	10	30	1 00
Detroit Dark Red. A fine strain of turnip-shaped Beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained, tender and remaining so for a long time; admirable for either early or late.....	05	10	30	1 00
DEWING'S IMPROVED BLOOD TURNIP. Handsome, smooth and round, tapering at the base; flesh strongly zoned, of fine quality.....	05	10	25	75
DARK STINSON. Roots good size; tops small; flesh fine grained, free from any woodiness.....	05	10	30	1 00
EARLY BLOOD TURNIP. A standard variety, following Eclipse in earliness; quality, excellent; color, deep blood-red; the tops make excellent "greens".....	05	10	20	75
ECLIPSE. Extremely early; of uniform globular form; glossy red, flesh fine grained and unusually tender and sweet.....	05	10	25	75
Edmand's. A handsome, uniform, round, turbinip-shaped Beet, very smooth and good size; tops small; flesh red and excellent quality; fine for late.....	05	10	25	75
Holmes' Perfected Half Long. A Blood Beet of superior quality, tender, sweet and flesh of vivid rich red color. The bulbs, about 3 inches in diameter, are pear-shaped, with slender tap root.....	05	10	25	75
LENTZ. Leaves and roots are pale in color, but of delicious quality.....	05	10	25	75
LONG, SMOOTH BLOOD RED. An excellent late variety, being a great improvement on the common Long Blood and of intense dark red color.....	05	10	25	75
SWISS CHARD. Delicious for Spinach.....	05	10	25	75

MANGEL-WURZELS AND SUGAR BEETS

Futter Rüben

CULTURE—Sow in rows 2 feet apart, 2 inches between seeds, thinning later to 12 to 15 inches. For stock feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

	By Mail, Oz. 10	Postpaid $\frac{1}{4}$ lb. 15	Lb. 35
GOLDEN GIANT INTERMEDIATE. Keeps well; grows more than half above ground.....	10	15	35
GOLDEN TANKARD. Distinct; highly prized by dairymen.....	10	15	35
LANE'S IMPERIAL SUGAR BEET. American sort; productive.....	10	15	35
MAMMOTH PRIZE LONG RED. Enormously productive.....	10	15	35
VILMORIN IMPROVED SUGAR. Not so large as others, but has as much sugar.....	10	15	35

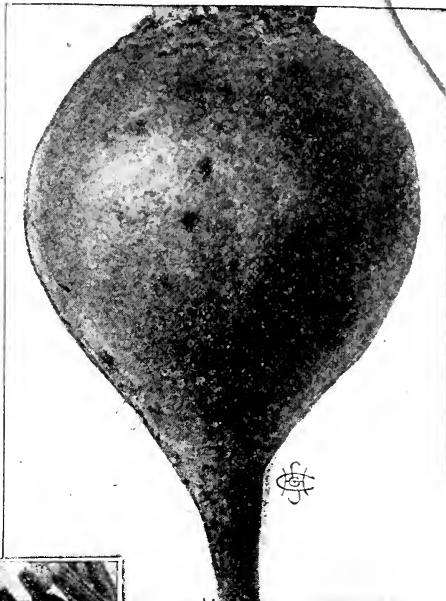
THE FOUR BEST BEETS

FOR
MARKET-GARDENERS

HOLMES' EARLY SURPRISE BEET

For early or late planting

Since its introduction by us several years ago, this extra-early Blood Turnip Beet has become wonderfully popular with both market gardeners and private planters. It is a rich blood-red Beet, with fine grain and delicious flavor. Equally as good as the famous Harrisburg Market Beet, although a little different in shape. Especially valuable for market on account of extreme earliness and size. See illustration. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, 5 lbs. at 85 cts. per lb., by mail, postpaid.



HARRISBURG MARKET BLOOD TURNIP BEET

The earliest and decidedly the handsomest distinct new Beet in cultivation

The Harrisburg Market Beet is well represented in the illustration given. It is of true, turnip shape, has a single tap-root, a smooth skin, a rich, tender quality and is free from the woodiness so often found in early varieties. It is ready to use in 45 days from time of planting and does not become coarse or stringy with large size, like other varieties. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, 5 lbs. at \$1.00 per lb., by mail, postpaid.



Holmes' Surprise Beet

Wayland, N. Y., July 30, 1912.

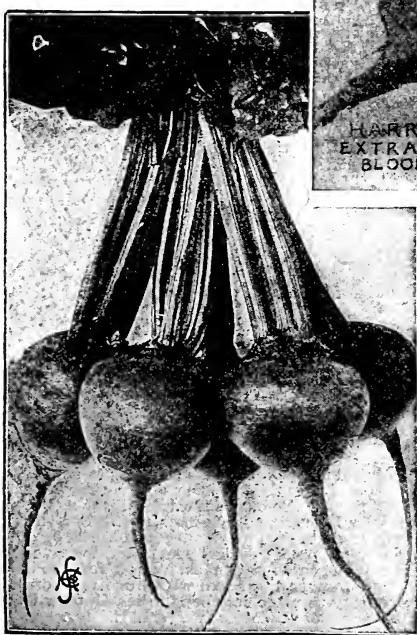
H. L. Holmes, Harrisburg, Pa.

Dear Sir: In reply to your favor of the 28th inst., would say that all of your seeds have given me good results and your Celery seed is the best I have used in some time.

Trusting to see you this fall, I am,

Respectfully yours,

THOMAS L. NORTON.



From Photograph

HOLMES' DEEP BLOOD TURNIP BEET

A valuable market-garden variety

early, is of deep blood color, and has small tops. We have succeeded in securing a variety that, while not as early as the Harrisburg Market, has the color and texture desired. From trials made at our trial grounds it proves to be the best deep blood Beet for both market and home gardeners. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 5 lbs., at 85 cts. per lb., by mail, postpaid.

HOLMES BEET

Exceedingly tender, magnificent form and blood-red flesh

Extremely early, of perfect globe shape and of the finest quality. This Beet we sent out several years ago as No. 27, and the many excellent reports we received convinced us that it was a Beet worthy of introduction. Our trials also convinced us that it was a Beet far superior to anything we had yet introduced. In the words of one of our customers who planted this Beet for trial and who describes the qualities and merits, we give herewith:

"The sample of the new Beet, No. 27, was duly received and planted. I can truthfully say that it is the finest early blood Beet I have ever grown, coming in about the same time as your 'Harrisburg Market.' It has an exceedingly short top, is of good color and fine appearance, being very smooth, while it attains a good size rapidly. It readily sells on the market on its own merits, and I do not have to handle this Beet at all, but customers pick it up and buy it without asking any questions. It has a single tap-root, without any additional roots."

(Signed) G. W. Houser, Fort Hunter, Pa.

Price, pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35, 5 lbs. at \$1.25 per lb., by mail, postpaid.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen: In reply to your inquiry concerning your garden seeds, we will say that we have bought almost exclusively from you for the past eight or nine years and expect to continue to buy from you. That ought to be the best evidence that your seeds have given satisfaction.

Very truly yours,

MILLER BROS.

Elmira, N. Y., Aug. 29, 1912.

Holmes Seed Co.

Meadville, Pa., June 9, 1914.

Dear Sir: I enclose order for \$29.35, amount for seed purchased. Am pleased with all seed sent and hope for good results. The man who drilled corn in for us said "he never saw such fine corn."

R. I.

HOMER A. SELLARS.

CABBAGE

PURE AMERICAN-GROWN
TESTED SEED

Kopfkohl

Cavolo Cappuccio

Kopusta



Holmes' Early Cabbage. The best Early Cabbage from Denmark

Holmes' Early.

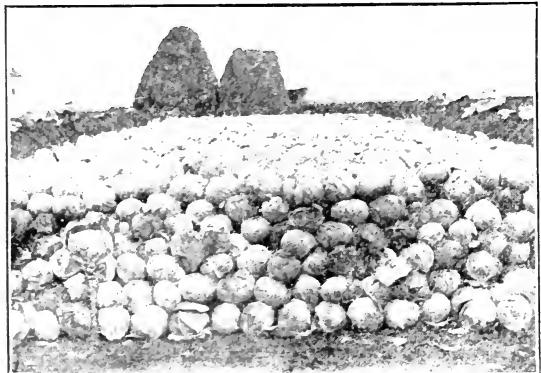
The Largest Early Round-Headed Cabbage. Five years ago, as "No. 138," we sent out samples of this new Cabbage, season, growth, ability to withstand dry weather and hot sun, to do well in all soils in all parts of the country. It has been all we hoped it would be; in fact, from our own tests, and from reports received, it has far exceeded expectations. This new Cabbage combines two good qualities—large size and very early season. The heads are large, globe-shaped, almost as solid as the Holmes-Houser, finely ribbed, and of a yellowish green. The plants produce very few outer leaves. The great weight of the heads, for an early variety, will make it one of the most desirable sorts for the market gardener. Shipping long distances can be done with a less percentage of freight cost, as the weight is in small bulk. Resists blight and drought. See illustration above. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Danish Ballhead, or Hollander.

This Cabbage has few equals for winter use. It is highly prized in Denmark, and is grown there almost exclusively for winter Cabbage. The heads are round, 8 to 10 inches in diameter, and very solid, with few outer leaves. The seed we offer was grown by the originator in Denmark. Has the greatest weight in the smallest space. The quality is second to none. Pkt. 5 cts., oz., 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 5 lbs. and over at \$1.50 per lb.



Danish Ballhead being set out for Seed



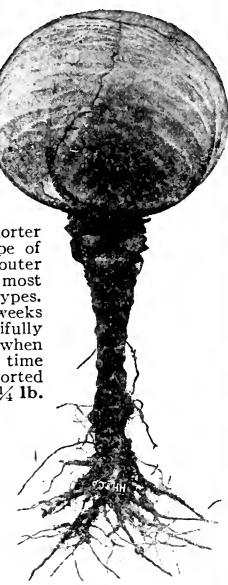
Showing how we bury Danish Ballhead for Seed

Danish Red Stonehead.

Vigorous, hardy, sure-heading, large and heavy, and, as it has a neat habit, requires small space and can be planted close together. The heads are solid, well shaped, and of a dark red clear through. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Danish Roundhead.

An earlier, shorter stemmed type of the Danish Ballhead. Danish Roundhead, with less outer foliage, is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers when stored away for the late winter and spring, at which time the fine heads bring the highest market price. Imported direct from Denmark. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 5-lb. lots at \$1.50 per lb.



Danish Roundhead

The Holmes-Houser, or "H-H" Cabbage

Noted for its Fine Grain, Smallness of Heart and Keeping Qualities

MARKET GARDENERS' IDEAL. A CABBAGE WHICH HAS WEIGHT AND SIZE

Introduced by Holmes Seed Co., thirteen years ago, and has grown into popular favor. No other late variety can approach it in quality, size, productiveness, smallness of heart and good keeping qualities. Our original stock produced heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety. To keep the seed pure and selection perfect, we entered into a contract several years ago with Mr. Houser to supply us with one pound of seed of his own selection at a cost of \$50. This seed is then sent to Long Island to one of the best cabbage growers, where it undergoes a second selection. Our agreement with the grower is that we take the entire crop, and not a single ounce of this seed is to go to any other seedsman. Consequently, the pure and genuine stock can only be had direct from us, or from some of our regular wholesale dealers to whom we sell the seed.

To protect the public this year from unscrupulous dealers who claim to have the originator's stock, we will sell this seed only in sealed packages. Look for the seal on every package, and make your dealer show you our seal with our name on it.

A WARNING. It is absolutely necessary to plant out the Holmes-Houser Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the flat Dutch types or any other late variety.

NOTE—We regret that our crop of this famous Cabbage was a total failure and we can not offer any true stock to our many customers, and positively will not send out anything but the true stock.

The crop of Cabbage this year was very short, owing to the climatic conditions. We would warn you against seed offered as Holmes-Houser by many unscrupulous dealers.

Copenhagen Market

Offered for the First Time in 1911. It Proved to be the Best Early Cabbage from Denmark. Remember, as Early as the Charleston Wakefield

A valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Charleston Wakefield. It is the most popular early Cabbage in the markets of Copenhagen. Market gardeners here who tried it for the first time last season are simply crazy about it on account of its extreme earliness and solid, 10-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The light green leaves are medium in size, saucer shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5. By mail postpaid.

For years we have given the selection of Cabbage seed particular attention. We have selected only such varieties as are certain to be of great value to all growers. Our seed is from stocks carefully selected and tested on Long Island.

CULTURE—Sow in hotbeds in February, or still better, from September 10 to 20, and winter the plants over in a coldframe. Transplant, March 15 to April 15, about 20 inches apart, in rows 2 feet apart. For second early crop, sow seeds of early kinds early in April and plant out in May. For a late crop, sow early in May and plant out in July; the plants 2 feet apart in rows 3 feet apart. One ounce will produce 1,500 to 2,000 plants.

One ounce produces 1,500 plants, $\frac{1}{2}$ lb. to be transplanted for an acre

EXTRA-EARLY VARIETIES

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Jersey Wakefield. This famous Cabbage still retains its lead. The heads are of pyramidal shape, with blunt peaks, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather. Our seed is from highly bred, selected stock and is unequalled.	05	20	70	\$2 25
Early Charleston Wakefield. This is the largest Early Cabbage, which we bred from the Early "Jersey" Wakefield, to meet a demand for a larger heading sort. It possesses all the valuable characteristics of the parent, with the advantage of the heads being 50 percent larger, though a few days later. Our strain of seed is very superior.	05	25	75	2 50
EXTRA EARLY EXPRESS. Earliest of French Cabbage; small, pointed head.	05	15	40	1 40
EARLY YORK. Very early, producing small, oval-shaped heads.	05	25	75	2 25
EARLY WININGSTADT. An old, popular, medium early variety, with large, pyramidal heads of excellent quality; good to succeed the extra earlies.	05	15	50	1 50
Allhead Early. A flat head, coming in with Early Summer; much larger.	05	25	75	2 20
EARLY FLAT DUTCH. We offer a remarkably fine strain; a sure header, the head weighing from ten to twelve pounds; most valuable for forcing or for general crop.	05	20	60	1 50

SECOND-EARLY, or SUMMER VARIETIES



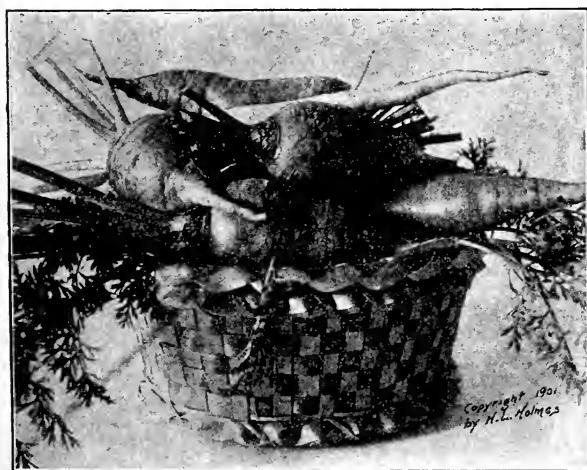
Danish Red Stonehead

EARLY SUMMER. This peerless variety; it makes a large, solid, round flat head, coming about ten days later than Wakefield.	05	20	50	1 75
SUCCESSION, HENDERSON'S. Universally conceded to be the grandest Cabbage in existence for either summer or winter use; heads hard and uniform, ten to twelve pounds in weight; quality extra fine and a good keeper.	05	20	60	2 00
All Seasons (Vandergaw). One of the finest; growing to a large size quickly. Will stand hot sun and dry weather.	05	20	60	2 00
FOTTLER'S IMPROVED FLAT BRUNSWICK. Large, solid heads; fine for early or late. Considered by many gardeners as second to none of the second-early varieties.	05	20	60	2 00
Limited Mail. A superb second-early variety. Produces hard, pointed heads of good size. Often sold as Lightning, Express and several other fancy names.	10	25	75	2 50
STEIN EARLY FLAT DUTCH. An excellent variety for winter use and valuable for market-gardening.	05	25	75	2 40

LATE, or WINTER VARIETIES

AUTUMN KING, HENDERSON'S. The acknowledged "King" of all Winter Cabbages, excepting only Holmes-Houser, producing enormous solid heads, weighing 25 to 30 pounds; interior crisp, fine-grained, white; splendid keeper.	05	25	75	2 50
Holmes' Perfection Late Flat Dutch. Our improved, highly bred strain of this old favorite Winter Cabbage will be found very superior.	05	20	60	2 00
SHORT-STEM DRUMHEAD. Selected strain; ripens early.	05	20	60	2 00
RED DUTCH. For pickling.	05	20	60	2 00
SUREHEAD. Fine large solid heads, with few outside leaves.	05	20	60	2 00
Safe Crop. (Same as Houseman's Late Flat Dutch.) A good strain.	05	20	50	1 75
PERFECTION DRUMHEAD SAVOY. The largest heading Savoy; a general favorite for both home use and marketing.	05	20	60	2 00

If ordered by express or freight, deduct 10 cents per pound from prices quoted



CARROTS

Möhren Caroto Marchew

One ounce will sow 100 feet of drills; three pounds an acre

CULTURE—A good, light, well-enriched sandy loam is the best for this crop. Market gardeners sow in drills about 18 inches apart, and cultivate by hand. For field culture, sow in drills from 3 to 5 feet apart, so as to cultivate by horse. For early crops, over $\frac{1}{2}$ -inch deep, thin to 6 inches apart. For late, cover $\frac{3}{4}$ of an inch.

Please remember to deduct 10 cents per pound from these prices if ordered by express or freight at purchaser's expense

PRICES, DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
EARLY HALF-LONG SCARLET. A distinct, slender, cylindrical variety, with few and small leaves; skin glossy and smooth; flesh red and without core; extra fine. Fine for forcing and frame.	05	10	30	90
Chantenay Half-Long Scarlet. A stump-rooted variety of handsome shape, medium early; very productive and of fine quality.	05	10	30	90
flesh of close texture, good quality, with but little core.	10	15	40	\$1 25
Small, almost globular; roots orange-red in color.	05	15	35	1 00
Excellent for bunching, for market and is sometimes forced. A fine table Carrot, and when pulled young is excellent for soup.	05	10	30	90
A shapely stump-rooted variety of medium size and the best for private gardens, for summer use; medium early.	05	10	30	90
An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper.	05	10	30	90
Very distinct and desirable Carrot. Smooth, handsome, very thick and blunt-rooted; about 6 inches long, rapid grower and of fine quality; color orange-red; good all-season Carrot.	05	10	30	90
Used principally for stock.	05	10	20	60

Danvers Half-Long.

A handsome, smooth, cylindrical stump-rooted variety of rich, dark orange color; flesh of close texture, good quality, with but little core.

EARLY FRENCH FORCING. The earliest, and largely grown for forcing. Small, almost globular; roots orange-red in color.

Early Scarlet Horn. A popular early variety, 3 to 4 inches long and blunt-rooted; it is a favorite for bunching excellent for soup.

LONG RED ALTRINGHAM. A shapely stump-rooted variety of medium size and the best for private gardens, for summer use; medium early.

LONG ORANGE IMPROVED. An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper.

Oxheart, or Guerande. Very distinct and desirable Carrot. Smooth, handsome, very thick and blunt-rooted; about 6 inches long, rapid grower and of fine quality; color orange-red; good all-season Carrot.

WHITE AND YELLOW BELGIAN. Used principally for stock.

CAULIFLOWER

CULTURE—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to open ground as soon as danger of frost is over. For late crop sow at the same time as for late cabbage. One ounce of seed will produce 1,000 plants.



Especially adapted to resist drought

Danish Giant or Dry Weather Cauliflower

Holmes' Dry Weather Cauliflower

Holmes' Dry Weather Cauliflower. Reaches Perfection when Ordinary Sorts fail. This new strain originated in Denmark, but has been fully tested in America with the most happy results. We offered it in 1907 for the first time and are well satisfied with its behavior. It produces a large, solid, pure white head, maturing a little later than Snowball. It is in all respects a first-class Cauliflower, but is especially and peculiarly adapted to dry situations and to resisting the effects of droughts. It will not thrive in poor soil or under bad treatment, as, like all other Cauliflowers, it requires manure and culture, but it will succeed with less rainfall than any other variety within our knowledge. It will also do well in moist or wet seasons, making heads equal to the best; but it is in dry seasons that its merits appear to best advantage, and we are confident that it will extend the culture of this delicious vegetable into locations in which it is practically unknown. See illustration. Pkt. 20 cts., $\frac{1}{4}$ oz. \$5 cts., oz. \$3,

1 lb. \$8. lb. \$30.

EXTRA-EARLY DWARF ERFURT. Good-sized heads; fine for open ground fall crop. Pkt. 15 cts., oz. \$2.50, $\frac{1}{4}$ lb. \$7, by mail, postpaid.

Holmes' Improved Early Snowball. A grand Cauliflower. For forcing, coldframe or open ground. See illustration. Pkt. 15 cts., oz. \$2.50, $\frac{1}{4}$ lb. \$7, by mail, postpaid.

VEITCH'S AUTUMN GIANT. A large-growing, late variety, splendid white heads. Pkt. 5 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2, by mail, postpaid.

NEW HAMPSHIRE COLLEGE
Durham, N. H.

THE HOLMES SEED CO.,
Harrisburg, Pa.

Gentlemen:

The Department has delayed reporting on the Holmes Emperor Celery, because the last of it has just been taken out of storage.

I am pleased to say, judging by one year's trial, that it is at least all you recommend it to be. For late fall and early winter it is the best celery I have ever handled. While it is not an extremely large grower, neither is it as uniform or well appearing as some of the varieties on the market, it blanches quickly and evenly, the stems and hearts are full and heavy and it is the finest flavored celery I have ever tasted. So gratified I

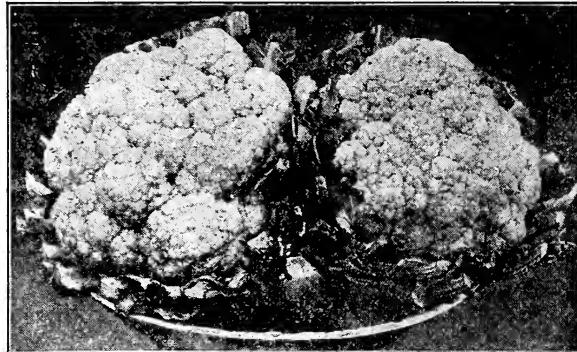
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Holmes' Improved Early Snowball Cauliflower

December 28, 1916.



H. B.

Fullerton,
Director Agricultural Development,

Medford, Long Island, N. Y., writes:

"I intended to write you long ago regarding the special strains of cauliflower you so kindly sent us for trial. It will please you to know that they panned out particularly well with us this year and we used them as earlies, which gave them a particularly hard strain, as the early cauliflower had exceptionally dry weather, as you know, this year, whereas the late flowers have done marvelously well, even on this record-breaking cauliflower-growing island of ours."

Your Snowball averaged all through the field large for this variety. The head was rather flattened, but as an offset this style of head was more than made up by smoothness and fineness.

The Danish strain was uniformly medium size, well rounded, compact and with minute florets.

It showed not a particle of riceiness. You have certainly secured two very excellent strains. I trust that this report will be of assistance to you.

CELERY

Sellerie Sedano
Scelery

CULTURE—Sow in finely prepared seed bed and keep the bed moist. In setting, prepare shallow trenches 6 inches deep and 4 to 6 feet apart, the plants 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Good plants may be set out as late as the middle of August. One ounce of seed will produce 4,000 plants; one pound will produce sufficient plants for an acre. These grow quickly, blanch easily and are especially adapted for fall and early winter use.

ALL PACKETS 5 CTS., EXCEPT WHERE NOTED

HOLMES' NEW GREEN CELERY, EMPEROR.

INTRODUCED BY HOLMES SEED CO., 1912

The finest flavored, most brittle Celery ever grown. See front cover

One of the largest seedsmen of the country said: "It is the greatest novelty that has been introduced since the introduction of the Burpee's Bush Lima Beans."

For seven years we have been selecting this seed and growing from individual specimens to firmly establish the good qualities as given below:

First—To retain the flavor which, in the green state, is as fine as when bleached.

Second—Solidity, free from the hollowness so often found in many Celeries.

Third—The stems, instead of being moon-shaped, we have been breeding to as near round as is possible, and are found only in "Holmes' Emperor," a distinguishing characteristic not found in other sorts, and is fully established. When we say it surpasses every Celery known, you can rest assured we know. The market gardener who grows Holmes' Emperor will find a ready sale for it. See testimonials below from unsolicited parties.

Price of seed put up in sealed packages, Originators' own growing: pkt. 15 cts., 2 pkts. 25 cts., $\frac{1}{2}$ oz. \$1.25, oz. \$2.25, $\frac{1}{4}$ lb. \$7, lb. \$25.

MR. EDWARD HIVNER, Cumberland County, Pa., writes: November 1, 1916.

In all my long years of market gardening I have never found a better celery than the "Holmes Emperor," the seed of which I purchased from you this past year. It is one of the best keepers that I know of and its splendid flavor when green, as well as when bleached, is unsurpassed by any green celery that I have ever grown, and I believe I have tried them all. There is nothing that can be compared with it as for quality.

In regard to your Golden Self-Blanching Celery, your French stock, this celery is simply magnificent of its kind. I do not believe there is a stock of Golden Self-Blanching that can beat your particular strain. I have no hesitancy in recommending either of the above varieties.

Holmes' Emperor Celery Originators' own growing

IMPROVED GOLDEN SELF-BLANCHING CELERY

(FRENCH GROWTH) THE BEST EARLY CELERY

Critical Market Gardeners Say Ours is the Finest They Ever Had—Read Below

For some time past we have been carefully selecting the stock of this well-known Celery from the original strain. We believe now we have so far perfected it that when once grown you will have no other. The stalks are much broader than the White Plume and greatly superior in quality and is ready for market almost as soon, producing dwarfer and much larger bunches of fine, heavy stalks, which are crisp, tender and of nut-like flavor. We can recommend this particular strain to our customers. French grown seed. Pkt. 15 cts., $\frac{1}{2}$ oz. \$1, oz. \$1.75, $\frac{1}{4}$ lb. \$6.50, lb. \$20, postpaid.

MR. THOS. L. NORTON, Wayland, N. Y., writes: "All of your seeds have given me very good results, and your Celery seed is the best I have used in some time."

South Lima, New York.

"We found your Celery seed of 1912 and 1913 the best in starting of any we had." C. C. MOWRIS.

Elmira, N. Y., July 20, 1916.

Holmes Seed Company, Harrisburg, Pa.

Dear Sirs: Enclosed please find order for seed to amount of \$6.50 and check on Second National Bank of Elmira for same.

I had about 6,000 stalks of your Emperor Celery last year which I sold mainly to private families, and the unanimous opinion was, "It is the best celery I ever ate."

Truly yours,

741 Southport Street

(REV.) A. W. REYNOLDS.

MR. WM. KENLY, of Canon City, Colo., writes as follows:

Please quote price on two pounds of the Giant Pascal Celery Seed out of the same stock I had in 1916, for the coming spring delivery. This Giant Pascal grew larger and more solid stalks and was unsurpassed by any other seed. A single trimmed dozen, ready for market, weighed 20 pounds. Awaiting your early reply.

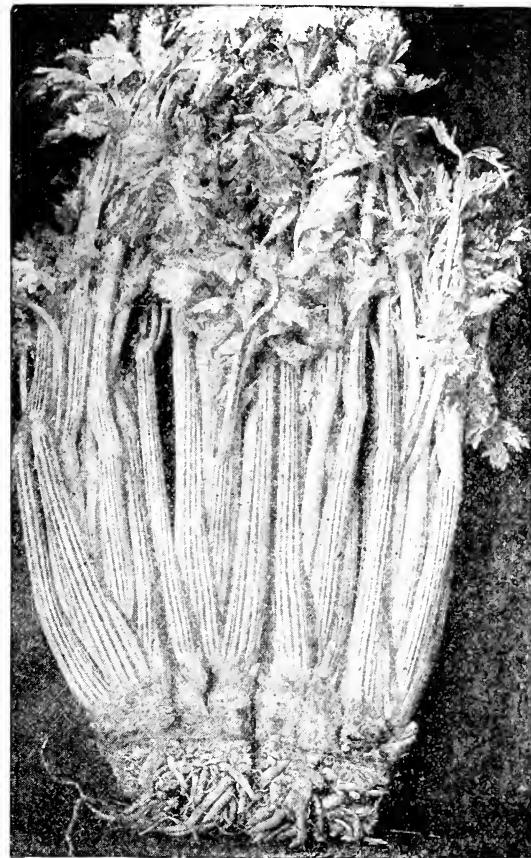
(Signed) WM. KENLY.

December 6, 1916.

J. BERKMAN & SON, of Indiana, write:

We are very much pleased with the strain of Golden Self-Blanching Celery which we purchased from you. The crop is looking very good at the present time, and we feel sure we will make quite a lot out of it.

We would also say in regard to the New Green Celery, "Emperor," that this is about the finest celery we have ever grown. The stalks are all fine and large, and we are very well satisfied with it. We think it will keep for quite a length of time.



Paris Golden Self-Blanching Celery

IMPROVED SNOWWHITE CELERY

The new Snowwhite is a pure white, self-blanching Celery, introduced in 1902, after five years of careful selection and improvement. It is without a rival in purity of color. The originator says on this point: "In the season of 1900 I set 7,000 plants of Snowwhite and found seven green stalks; in 1901, 3,000 plants and only one green stalk, and in 1902, 6,000 plants and not a single stalk that was not pure white. It does well where others fail." Mr. E. J. Hollister, the noted celery grower and author of a book on celery growing, also says: "The pearly whiteness of the stalks of Snowwhite Celery denotes good constitution and, together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. Our picture, made from a photograph of two stalks, gives some idea of the beauty of this variety, but not of the size. Single stalks sometimes weigh $2\frac{1}{2}$ pounds and quite frequently 2 pounds each. It grows solid on all kinds of soil and keeps better than many standard varieties. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4, postpaid.

EARLY VARIETIES

Holmes' Scarlet Plume. Practically identical with White Plume; solid, stringless, flavor delicious, crisp and nutty. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, by mail, postpaid.

Holmes' Selected White Plume. Earliest variety grown; can be blanched for the table in September. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, by mail, postpaid.

SECOND-EARLY, LONG-KEEPING AND WINTER VARIETIES

By Mail, Postpaid

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
DWARF GOLDEN HEART. Large heart; solid stalks, blanching golden yellow.....	05	25	75	\$2 25
Giant Pascal. Desirable green winter Celery. Long-keeping; robust, healthy, stocky, 2 feet high.....	05	25	75	2 25
GIANT WHITE SOLID. Sold as large-ribbed Kalamazoo. Compact - growing variety.....	05	20	50	1 75
PERFECTION HEARTWELL. Splendid for late use; excellent keeper; fine flavor.....	05	25	75	2 25
Winter Queen. Best late or winter keeper; ribs thick; very solid.....	05	25	75	2 25
SOUP CELERY. (Old seed.) Excellent for flavoring.....	05	10	40	

NEW COLUMBIA CELERY

A very early-maturing sort, unsurpassed in shape and quality, very stocky and heavy. The stalks are thick, almost round, resembling those of the Giant Pascal. The color has more of the rich yellow tint of the Golden Yellow Self-Blanching, which it resembles when trimmed and bunched for the market. Its quality is certainly fine, some connoisseurs considering it superior to any other variety. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5, postpaid.

CELERIAC TURNIP-ROOTED CELERY

Knoll-Sellerie

Sedano-rapa

Brukwiama

Large, turnip-like roots which keep well for winter use. Fine cooked, for flavoring soup or sliced and used as a salad.

Large Smooth Prague. Almost round, uniform, smooth-skinned; free from side roots. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, by mail, postpaid.

CHICORY Cichorienwurzel Cicoria selvatica Cukorya

Large-rooted, or Coffee. Largely used as an adulterant or substitute for coffee. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1, by mail, postpaid.

COLLARDS

Georgia. A substitute for cabbage, grown in the South. Leaves, when cooked, are tender and delicate. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1, by mail, postpaid.

CORN SALAD Feldsalat Valeriana

Large-leaved Fetticus, or Lamb's Lettuce. For late fall, winter and spring. Used as a substitute for lettuce. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., by mail, postpaid.

CRESS Gartenkresse Agretto Rzerzucha

Fine Curled (Pepper Grass). Quick-growing, crisp, pungent, refreshing. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid. Water Cress. Seed may be started in pans or boxes of very moist earth and the young plants transplanted to shallow water along banks of ponds or running streams. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$3.50, by mail, postpaid.



(1) Extra Long White Spine; (2) Long Green; (3) Boston Pickling;
(4) Early Green Cluster

LONG GREEN. Very early and prolific.....

FORDHOOK FAMOUS. Smooth, dark green fruits measuring 12 to 18 inches.....

Holmes' Improved Arlington White Spine. formed.....

Holmes' Jersey Pickle. tested.....

Holmes' Improved Long Green.

Klondyke. An exceedingly productive variety; dark green in color.....

JAPANESE CLIMBING. Ornamental variety.....

LIVINGSTON'S EMERALD. Large, smooth; deep green.....

NEW CUMBERLAND. Very prolific; fine for pickling or slicing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50, by mail, postpaid.

NICHOL'S MEDIUM GREEN. Very productive; unsurpassed for pickling. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, by mail, postpaid.

WEST INDIA GHERKIN, or BURR. Small, prickly fruits; best for pickles. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2, by mail, postpaid.

Holmes' Perfect

Once Grown, Always
Grown

Its good qualities are its extreme earliness and prolificness. Very hardy, resisting unfavorable weather conditions; very dark green; attractive shape, and is a good size for slicing. A most profitable sort for shipping to distant markets. See illustration. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75, by mail, postpaid.

SWEET, or SUGAR CORN

Mais
Kukurudza

CULTURE.—Sugar Corn requires a good soil and a warm situation. Begin for first early by planting the early varieties about May 1, and, for a continuous supply all summer, make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One quart for 200 hills, 8 to 10 quarts in hills for an acre.

Holmes' Premo

Ready for the Table 60 days after Planting. We originated and introduced this variety in 1900

One of the earliest and best Sweet Corns in existence. The best seed can be had only from the introducers. Market gardeners will make no mistake in planting this Corn for a money crop. It is a success, not an experiment.

Up to 1913 it has been the world's earliest Corn, and not only this, but it is also superior to nearly all in size, quality and yield. Must be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm, or where long-continued rains follow planting. The stalks grow about 5 feet high and generally bear two uniformly sized, fine-appearing, well-developed and marketable ears, 7 to 9 inches long, to each stalk.

For years seedsmen over the country have been wanting a really first-class Sweet Corn that would come in with Adams' Extra-Early. Before introducing it we secured a small quantity of this Corn, and by actual test, side by side with many other varieties, it proved earlier by a week than all its companions.

Holmes' Premo is of the best quality. It is tender, sweet, deliciously flavored, and the ears are well filled to the very tip. It is so early that there is a full crop at the time of the very highest price. The stalks, which grow very strong and stiff, about 5 feet high, are free from smut and will grow in any soil, as well as resist drought and bad seasons generally to a very marked extent. See illustration. Prices, our own growing, pkt. 10 cts., pt. 35 cts., qt. 55 cts., by mail, postpaid. By freight or express, not prepaid, qt. 30 cts., 4 qts. \$1.50, peck \$2.75.

CUCUMBERS

Gurken

Cetriolo

Ogorek

One ounce will plant
about 50 hills; one to
two pounds to the acre

CULTURE—An ounce will plant about 50 hills. Sow about first of May, in turned-over sods or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in three or four weeks; plants 3 or 4 feet apart each way, four strong plants to each hill. Two to three pounds per acre.

Holmes' Special White Spine

This Cucumber can not be praised too highly. It is nothing more or less than an extra-fine type of what is unquestionably the best and most widely grown Cucumber in America. It is unsurpassed as a table and market sort, and is also used for pickling. No other kind exceeds it in productivity and it is equally good for forcing under glass or growth in the open air. We have a record of where a single hill of three vines produced over 500 Cucumbers during the season. The fruit is from 5 to 7 inches long and 2 to 3 inches in diameter. Color, a beautiful dark green; straight, and does not turn yellow. The illustration shows most accurately the fine shape this Cucumber attains. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75, by mail, postpaid.

COOL AND CRISP. Extra early, tender and crisp, and a grand pickler. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, by mail, postpaid.

Davis Perfect.

A forcing variety of excellent quality, shape and productivity. See illustration.

EARLY CLUSTER.

An early, prolific, prickly, short green Cucumber.

EARLY FRAME, or SHORT GREEN. For slicing or pickling; productive; early.....

Everbearing. Ideal for pickling.....

EXTRA-EARLY GREEN PROLIFIC. Form perfect; rich, deep green; desirable for pickling.....

EXTRA-EARLY.....

Ideal for pickling.....

EXTRA-EARLY.....

	By Mail, Postpaid		
Oz.	$\frac{1}{4}$ lb.	Lb.	
15	30	\$1 00	

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15	30	\$1 00	

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DANDELION

Leaves make a fine early spring salad. Cultivated sorts are larger and better flavored than those growing wild. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2, by mail, postpaid.

EGGPLANT

Löwenzahn Dente di leone
Papawa

CULTURE—Sow the seed in hotbed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20. One ounce produces about 1,000 plants.

	The earliest variety that grows to a good size. See illustration.	Pkt.	By Mail, Postpaid	Oz.	$\frac{1}{4}$ lb.	Lb.
NEW YORK IMPROVED PURPLE.	Fruits very large; perfectly formed; fine quality.	10	\$1 00	35		\$3 50



Black Beauty Eggplant

ENDIVE

Endivien Indivia
Endiven

CULTURE—For early use, sow in May, in rows 10 inches apart. For succession all summer, plant as much later each time as you wish it to bear. It will do well till midsummer. One ounce will sow a row of 150 feet.

	Broad-leaved Batavian.	Large heads of broad, thick leaves.	Pkt.	By Mail, Postpaid	Oz.	$\frac{1}{4}$ lb.	Lb.
GREEN CURLED.	Crisp, dark green leaves; the hardiest.	05	\$1 25	15	35		

Holmes' Winter Golden Heart.

	Exceedingly hardy; heads finely curled; pure golden-yellow leaves. See illustration.	Pkt.	By Mail, Postpaid	Oz.	$\frac{1}{4}$ lb.	Lb.
WHITE CURLED.	Leaves pale green. Does not require blanching.	05	\$1 25	15	35	

KALE, or BORECOLE

Kale is more hardy than cabbage, and will endure considerable frost without injury. Cultivate like cabbage. One ounce will sow a drill about 200 feet. Three pounds will sow an acre.

DWARF GREEN-CURLED SCOTCH. Beautifully curled; bright green; very hardy. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 80 cts., by mail, postpaid.

Holmes' Improved Dwarf German. (American-grown.) Like the above except in color.

This has a bluish tinge. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 80 cts., by mail, postpaid.

SIBERIAN. Grows vigorously; green foliage with bluish tinge or bloom. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., by mail, postpaid.

TALL SCOTCH. Same as the dwarf green, except that it grows taller. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. 80 cts., by mail, postpaid.

KOHLRABI Knollkohl Cavolo rapa Kolorapa (Turnip-rooted Cabbage)

CULTURE—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill of about 200 feet.

EARLY PURPLE VIENNA. Rich purple. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, by mail, postpaid.

EARLY WHITE VIENNA. Flesh white. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, by mail, postpaid.

GREEN, or WHITE. Good for table and stock feeding. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, by mail, postpaid.

LEEKES Peree, oder Lauch Porro

CULTURE—Sow early in rows a foot apart, and cover an inch deep. When 6 or 8 inches high, set 10 inches apart each way, as deeply as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill.

Broad London Flag. Hardy; whole plant is edible... Pkt. 05 Oz. $\frac{1}{4}$ lb. 20 40 \$1.25

MONSTROUS CARETAN, or SCOTCH CHAMPION. Grows rapidly and is very hardy. See illustration. 05 20 40 1 25



Holmes' Winter Golden Heart Endive

LETTUCE

Lattich, oder Kopfsalat
Lattuga Salata

CULTURE—For early crop, sow seed outdoors in September and transplant to coldframes as soon as large enough to handle, and winter like early cabbage. For later spring crop, sow in well-protected frames in February, and in hotbeds in March. For home use, sow in rows a foot apart early in spring; thin plants to a foot apart. One ounce will produce about 1,500 plants.



Holmes' Zero Lettuce

Holmes' Zero Lettuce

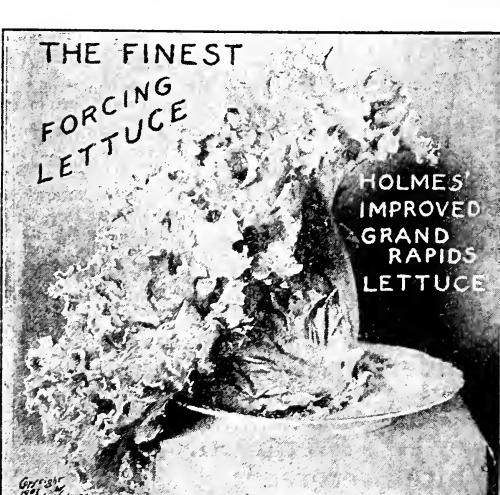
Resists Heat in Summer and Stands Longer Than Any Other Lettuce Without Going to Seed

As hardy in winter as the winter Lettuce, Nanzen, introduced a few years ago. Produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Great value for market. See illustration. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50 postpaid.

Holmes' Improved Grand Rapids Lettuce

Improved by Years of Selection; Grows Larger and Absolutely Free from "Rogues"

Almost Lettuce perfection, being free from the rogues found in almost every stock grown. Does not form heads, but makes large, compact bunches of light golden foliage, the leaves having finely curled or fringed edges. Delicious quality and handsome appearance make it most popular in many markets. See illustration. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50, postpaid.



George L. Holmes



Head of Holmes' Improved Big Boston Lettuce, showing the evenness and fine coloring—does not turn red. (French-grown.)

A field of Holmes' Big Boston Lettuce (French-grown)

superior to any other strain we have ever seen growing. We have given it the name "Holmes' Improved" so as to distinguish it from any other strain on the market. Sold only under seal. See illustration. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$3.50, by mail, postpaid.

For ordinary Big Boston Lettuce as usually sold by other seedsmen, see general list.

Holmes' Improved Big Boston Lettuce

(FRENCH-GROWN)

Quality Superb. Tender, free from any Bitterness. Absolutely will not turn Red

Similar to the old Big Boston, only runs much more even and larger in head; leaves lay close and form a compact, buttery head. It is praised by all users, and is a distinct strain, far

superior to any other strain we have ever seen growing. Under glass it is the finest heat-resisting variety we know of outside of, probably, Holmes' Zero. The inner leaves (practically the entire head) blanch to a rich golden yellow, and have a fine, rich buttery flavor. It is an excellent shipper and a good keeper. See illustration. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

Holmes' Perfect Lettuce

A fine all-round Lettuce. It is an exceedingly quick grower with handsome buttery head, and can be used for both early and late sowings. Under glass it is the finest heat-resisting variety we know of outside of, probably, Holmes' Zero. The inner leaves (practically the entire head) blanch to a rich golden yellow, and have a fine, rich buttery flavor. It is an excellent shipper and a good keeper. See illustration. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

Head Lettuce

	Pkt.	By Mail, Postpaid Oz. 15	$\frac{1}{4}$ lb. 35	Lb. \$1 00
BOSTON MARKET. (Private Stock.) Ideal for forcing; fine quality; tender, sweet, crisp.....	.05			
CALIFORNIA CREAM BUTTER. Produces large, solid heads in cool weather.....	.05	15	35	1 00
DEACON. Large, firm heading; fine buttery quality.....	.05	15	35	1 00
DENVER MARKET. Large, solid heads; leaves crimped.....	.05	15	35	1 00
HOLMES' GIANT CRYSTAL HEAD. Exceeds every				
other variety in size and productiveness. Fine flavor, crisp, tender.....	.05	15	50	1 75
BIG BOSTON. Plants large; very vigorous; broad, comparatively smooth, hard, light green leaves.....	.05	15	50	1 75
Holmes' Perfect. A fine all-round Lettuce, exceedingly quick grower, with handsome, buttery head.....	.10	20	\$1 75	2 50
HOLMES' RAPID FORCING. Solid, golden-yellow heads; crisp, tender.....	.05	20	70	2 50
IMPROVED HANSON. A large, flat head, resembling that of cabbage; very tender and sweet.....	.05	15	40	1 25
MAMMOTH BLACK-SEEDED BUTTER. Enormous head; tender, sweet and crisp.....	.05	15	35	1 00
May King. Handsome; early; compact-heading variety; quality extra fine.....	.05	15	35	1 00
NEW ICEBERG. Heads hard, tender, crisp.....	.05	15	40	1 25
New York, or Wonderful. Immense heads; solid, crisp, tender, delicious.....	.05	20	50	1 50
PHILADELPHIA DUTCH SPECKLED BUTTER. Large heads; excellent quality.....	.05	15	35	1 00
PHILADELPHIA EARLY DUTCH BUTTER. Heads very compact; for forcing.....	.05	15	35	1 15
PHILADELPHIA WHITE CABBAGE. Large-headed summer variety.....	.05	15	35	1 15
SALAMANDER. Good-sized, compact and tender heads, creamy white inside; rich, buttery flavor.....	.05	15	40	1 25
TENNISBALL, BLACK-SEEDED. Very early, small, hard-heading variety.....	.05	15	35	1 00
Thick Head Yellow. Extra fine, large, summer variety.....	.05	15	40	1 25
YELLOW-SEEDED BUTTER. Large, dense, yellow head; crisp, tender; fine flavor.....	.05	15	35	1 00

Curled, or Cutting Lettuce

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically ever-bearing, as they keep growing after picking. The best are:

BLACK-SEEDED SIMPSON. Large, loose heads; curly, yellow leaves.....

EARLY CURLY SILESIA. One of the best cutting varieties.....

EARLY CURLY SIMPSON. Yellowish green; curly; earlier than head Lettuces.....

EARLY PRIZE-HEAD. Large, loose heads, stained red; curled.....

The Morse. Light green; hardy. Superior to all.....

TOMHANNOCK. An upright Lettuce; tinged brown..

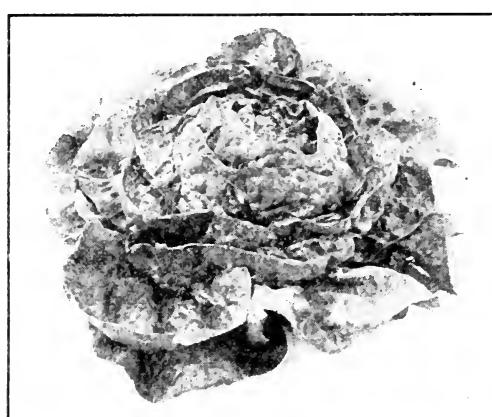
Pkt.	By Mail, Postpaid Oz. 15	$\frac{1}{4}$ lb. 40	Lb. 1 25
.05	15	40	1 25
.05	15	40	1 25
.05	15	40	1 25
.05	15	40	1 25
.05	15	40	1 25

Cos Lettuce

Cos, or Romaine. New. Long-standing, solid hearts; bright golden yellow; crisp, tender.....

PARIS WHITE COS. A popular old variety.....

.05	15	40	1 00
.05	15	35	1 00



Holmes' Perfect Lettuce

MUSKMELONS

Melone Popone Melon

One ounce for 60 hills;
2 to 3 pounds in hills for an acre

(1) Netted Gem; (2) Rocky Ford; (3) Holmes' Improved Nutmeg; (4) Fordhook; (5) Anne Arundel;
(6) Long Island Beauty; (7) Tip-Top

cross. It is finely netted like the Gem and averages about the same size; will outweigh a Netted Gem of equal size by at least a third. Flesh salmon-colored. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, postpaid.

Rocky Ford

This is one of the most popular of small, or basket Melons, and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with fine netting and very uniform in shape and quality. Flesh thick, green, very sweet and highly flavored. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, postpaid.

Emerald Gem

A splendid Melon. Fruit conveniently small or medium-sized, globular, or slightly flattened at the ends, only slightly netted and ribbed; skin green, tinged with yellow; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high flavored. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

Delicious Gold Lined Rocky Ford

The vines are healthy and vigorous, bearing an enormous quantity of fruits during the entire season. No Melon has ever sold so readily and at such high prices as the Rocky Ford. It is of a rich, greenish gold; the netting is very prominent and is light in color, which makes the outer appearance very attractive. The flesh is very crisp and tender, very deep salmon, ripening clear to the rind, extremely sweet and luscious flavor, and it has a small seed cavity. Our seed was raised especially for us by the originator and is the best type of the genuine Rocky Ford Muskmelon. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50 postpaid.

New Fordhook

This Melon originated in South Jersey and is a cross between Emerald Gem and Improved Jenny Lind. It is the shape of the large-sized type of Jenny Lind but has very thick, deep salmon-colored flesh, surpassingly sweet to the very rind. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50 postpaid.

Green-Fleshed Muskmelons

ANNE ARUNDEL. Oval; heavily netted; green fleshed, solid; grand shipper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

BAY VIEW. Prolific; good size; oblong; green flesh; late. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.

Extra-Early Hackensack. Hardy; prolific; round; deeply ribbed, coarsely netted; green flesh; delicious. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.

HACKENSACK, or TURK'S CAP. Large, with round and flattened ends; thickly netted; productive; extra quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.

Holmes' Improved Nutmeg. Popular; skin deep green, finely netted; flesh greenish-yellow, rich and sugary. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 90 cts., by mail, postpaid.

JENNY LIND. Small, round, flat-ended, deeply ribbed; flesh yellowish; flavor fine; very productive over long season. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

LONG ISLAND BEAUTY. Hackensack type; very early; luscious, green flesh, thick and sweet; netting heavy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, by mail, postpaid.

MONTREAL MARKET. Large "Green Nutmeg" type, heavily netted; thick, luscious flesh; late and for cooler climates. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

New Green-Fleshed Osage. Hardy; prolific; handsomely netted and colored; firm, luscious flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

NORFOLK BUTTON. New. Very early; thick green flesh; fine for market. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., by mail, postpaid.

Red, or Salmon-Fleshed Muskmelons

BANANA. An old variety; very long. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

DEFENDER. Very best yellow flesh; medium size; oval; slightly ribbed; gray netting; firm, fine grained, rich flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

Miller's Cream, or Osage. Medium to large, oval, netted; flesh rich salmon; deep, firm, sweet and melting. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

Perfection, or Princess. Early, round, beautifully netted; best red-fleshed. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

TIP-TOP NUTMEG. Slightly oval; good size; sweet, juicy; yellow flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., by mail, postpaid.

The specially new and good varieties of Muskmelons are listed at length. Then the standard and well-known sorts, which nearly everyone is familiar with, follow in a briefer general list, arranged alphabetically for quick reference. We guarantee all our Melon seed to be absolutely fresh and pure, of strong vitality and true to name. If you want to know more than is given here about any variety, write us.

CULTURE — Melons thrive best in a moderately enriched, light soil; the hills should be 3 to 6 feet apart each way, according to the richness of the soil. Previous to planting, mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 or 10 seeds in each hill early in May for latitude of Harrisburg (for south earlier, for farther north later), and when well up thin out to 3 or 4 plants to the hill. One ounce for 60 hills; 2 to 3 pounds for an acre.

Paul Rose, or Petoskey

In this variety, which has gained great popularity, are combined all the good qualities of the Netted Gem and Osage, of which it is a

cross. It is finely netted like the Gem and averages about the same size; will outweigh a Netted Gem of equal size by a least a third. Flesh salmon-colored.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.25, postpaid.

Burrell's Gem

Two facts about this Rocky Ford Melon will indicate its great value. Mr. Burrell, the introducer, from whom we get our seeds direct, sold \$6,000 worth from 12 acres in 1909. The Fred Harvey eating houses, dining cars and hotels always specify it as their first choice. Its value is proved by those things. The golden colored netting is similar to that of Rocky Ford Melon, making it very fine in appearance. The Melon is smooth and very solid and will ship across the continent, as it is possibly the best keeper grown. The seed cavity is about the size of a teaspoon bowl, and an immense amount of the Melon is pure meat. The flavors of Rocky Ford and Osage are blended in the spicy, sweet and golden flesh. An abundant crop is produced—often 20 to 30 Melons from a hill, and each one weighing 2 or 2½ pounds. We get crates of Melons shipped from the best growers in Colorado and elsewhere, from which to save seed. We are sure it is right. See illustration. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.50, postpaid.

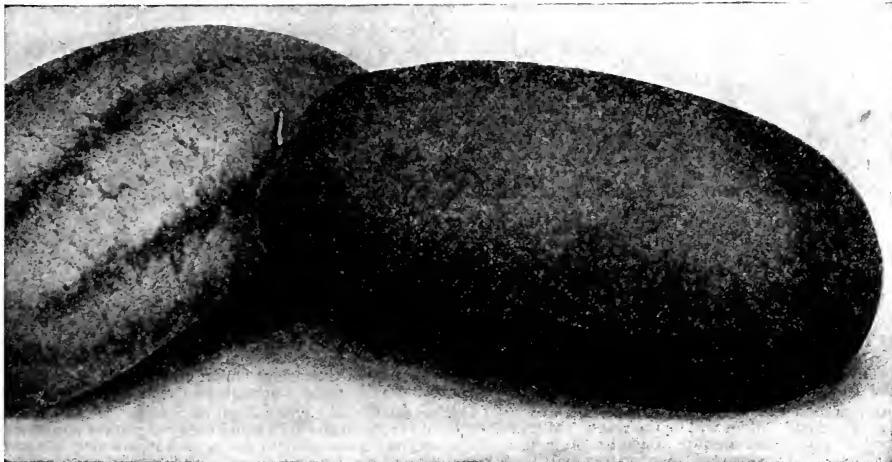
WATERMELONS

CULTURE—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds per acre.

COLORADO PRESERVING CITRON. Green seed. Also called Apple Pie.

CUBAN QUEEN. Early, solid, heavy; skin striped dark and light green.

Dark Icing. Early, round, solid; thin, dark green skin; superior quality.



Kleckley Sweets Watermelon

Tom Watson Watermelon

HALBERT'S HONEY. Dark, clear skin; flesh crimson, luscious and sweet.

Harris Earliest. Oval; fine quality; bright red flesh; sweet, tender and delicious.

ICE CREAM, or PEERLESS. Very early; red flesh; fine quality.

JONES' JUMBO. Round; large size; dark green skin; good quality.

KENTUCKY WONDER, or VAUCUSE. Large; dark green; light crimson flesh; good flavor.

Kleckley Sweets. Flesh bright scarlet; crisp, sugary and melting. See illustration.

KOLB GEM. Very large; flesh red; a good shipping sort.

LIGHT ICING, or ICE RIND. Round in form; flesh of fine quality.

MAMMOTH IRONCLAD. Long; striped; late; red flesh; good shipper.

McIver Sugar. Large; fine quality; oval; flesh pale pink, sweet, melting.

MOUNTAIN SWEET. Flesh red; extra-fine quality.

PHINNEY'S EARLY OVAL. Mottled light green; large; oval; heavy; red flesh.

SWEETHEART. Large; oval; heavy; flesh bright red; crisp, melting, sweet.

Tom Watson. New. Large variety; 18 to 24 inches long; weight 40 to 50 pounds; flesh deep red; good shipper. See illustration, page 21.

Wassermelone Meloni d' aqua
Melon Wodny

Pkt.	Oz.	¼ lb.	Lb.
05	10	25	80
05	10	20	75
05	10	20	70

DELAWARE. Oblong; striped; tough rind; delicious red flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts., by mail, postpaid.

DIXIE. Large; dark green; fine shipper; solid red flesh; popular South. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts., by mail, postpaid.

Ferry's Iceberg. Deeper colored than Kolb Gem; tender and sweet. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts., by mail, postpaid.

FLORIDA FAVORITE. Superior; large; oblong; striped; luscious red flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts., by mail, postpaid.

FORDHOOK EARLY. Very early; good size; medium green; red flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts., by mail, postpaid.

Gray Monarch, or Long White Icing. Very large; long; crimson flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts., by mail, postpaid.

GYPSY, or GEORGIA RATTLESNAKE. Oblong; dark and striped; red flesh. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts., by mail, postpaid.

By Mail, Postpaid

Pkt.	Oz.	¼ lb.	Lb.
05	10	35	\$1.00

Pkt.	Oz.	¼ lb.	Lb.
05	10	20	75
05	10	20	75
05	10	20	75
05	10	20	75

Pkt.	Oz.	¼ lb.	Lb.
05	10	25	90
05	10	20	75
05	10	20	75
05	10	20	75

Pkt.	Oz.	¼ lb.	Lb.
05	10	20	75
05	10	20	75
05	10	20	75
05	10	20	75

Pkt.	Oz.	¼ lb.	Lb.
05	10	20	75
05	10	20	75
05	10	20	75
05	10	20	75

Pkt.	Oz.	¼ lb.	Lb.
05	10	25	90
05	10	25	90
05	10	25	90
05	10	25	90

MUSHROOM SPAWN

Schwamm
Fungo Pratapala

The culture of Mushrooms is easy if you plant fresh and thoroughly reliable spawn. They can be grown in a cellar, in sheds, hotbeds or the open air. New beds must be made at each planting. English, brick 20 cts. (25 cts. postpaid), doz. \$1.60, 25 lbs. \$2.50, 100 lbs. \$8. American Pure-Culture Spawn, brick 25 cts. (35 cts. postpaid), 5 bricks \$1.10, 10 bricks \$2. Anglo-American Spawn same price as Pure-Culture. See illustration.

MUSTARD

By Mail, Postpaid

Pkt.	Oz.	¼ lb.	Lb.
05	10	15	25
05	10	15	25
05	10	15	25

BLACK, or BROWN. Large, succulent leaves, pleasantly pungent.

GIANT SOUTHERN CURLED. A favorite in the South.

WHITE LONDON. Leaves used in salads and for garnishing.



NASTURTIUM, or Indian Cress

The seed pods, gathered green, are delicious; pickled and used for seasoning like capers.

DWARF. Mixed varieties. A trailer requiring no support. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts., by mail, postpaid.

TALL, or LARGE. Climber 10 feet high; ornamental flowers. In many varieties mixed. See, also, page 48. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 70 cts., by mail, postpaid.

OKRA, or GUMBO

Ochre Ocre

By Mail, Postpaid

Pkt.	Oz.	¼ lb.	Lb.
05	10	20	60
05	10	20	60
05	10	20	60

DWARF PROLIFIC. Of dwarf, stocky growth; very early and prolific.

LADY FINGER. Long, slender, pale green pods; very tender. See illustration.

WHITE VELVET. Large, round, smooth pods; never ridged; prolific.

Lady Finger Okra



Holmes' Special Strain of Ohio Yellow Globe Onions. Note the shape

CHOICE ONIONS

TESTED AND OF THE STRONGEST VITALITY; THE FINEST, SELECTED STRAINS

Zwiebel Cipollo
Cebula

We pride ourselves on selling the very best Onion seed that can be produced, and are now supplying some of the largest Onion growers of the country. By sowing our seed, large Onions may be produced direct from the seed. For growing sets there is no better seed on the market than that we offer.

CULTURE—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart or only a few small Onions will be the result. Manure highly (20 loads to the acre being used by market gardeners with profit), and if manure is not plenty, some good phosphate, at the rate of 400 to 800 pounds to the acre will give splendid crops. A top dressing of wood ashes, applied after the second weeding, is very beneficial. One ounce will sow 100 feet of drill; five pounds will sow an acre.

Caution. Beware of cheap Onion seed. Fresh new seed, such as we sell, will test 90 to 95 percent. If you are led by low prices to purchase Onion seed from doubtful sources, test it before planting. Our prices are as low as reliable seeds can be bought. The lowest priced Onion seed is not always the cheapest.

Ohio Yellow Globe

A selected strain, uniform shape, attractive color, mild flavor, and produces enormous crops of large Globe Onions. Grown in Ohio for us by one of the best growers who has been selecting this strain for a number of years. Note the shape in the illustration.

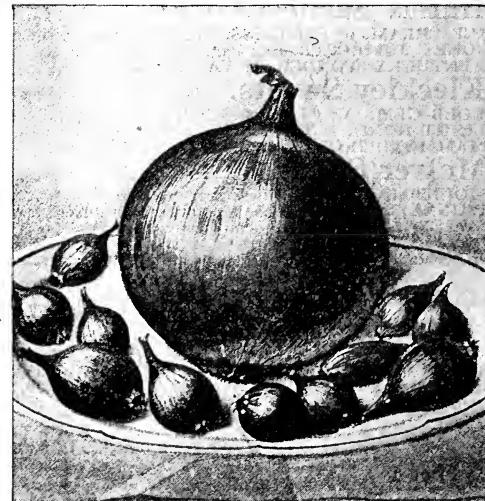
Our strain of this particular Onion has the finest shape, best color, and yields the largest crop of any yellow Onion. The heaviest yield of Onions is always obtained from rich, black lands. On such soils a globe-shaped Onion, with a somewhat flattened base, gives largest returns; the bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange-yellow; enormous yielders and splendid keepers. See illustration. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 5 lbs. and over at \$2 per lb., postpaid.

Yellow Globe Danvers (as usually sold). Of uniform size; bright yellow; immensely productive; mild, tender, of fine flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75 postpaid.

Round or Flat Yellow Danvers

As grown by us, this is a fine, selected strain, combining extreme reliability in ripening with large yield. It is grown extensively for market, ripening more surely in moist locations than do globe-shaped varieties, as well as earlier. It is becoming most popular also for growing Yellow Onion sets. Our strain produces thin-necked, flattened bulbs which are quite thick through, yielding well in bulk. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., per lb. \$1.50, 5 lbs. and over at \$1.25 per lb., postpaid.

MARKET GARDENERS, AND THOSE WHO USE ONION SEED IN LARGE QUANTITIES, SHOULD WRITE US FOR SPECIAL PRICES



Yellow Globe Danvers Onion

Southport Red Globe Onion

The Onions from Southport, Conn., generally command an extra price in New York markets because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. The Southport Red Globe is of medium size, spherical, with small neck, very deep, rich red in color, and of superior quality. See illustration. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25, 5 lbs. and over at \$2.10 per lb., postpaid.

Southport White Globe

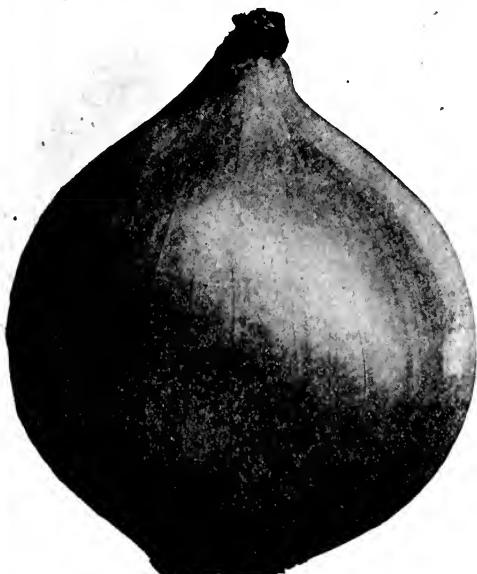
Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine grained and of mild flavor. See illustration. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75, postpaid.

Southport Yellow Globe

This is of the same general character as the Southport White and Red Globes, except that the skin is a rich yellow; flesh pure white, and of a mild and delicious flavor. It is one of the most popular of the Yellow Globe Onions. These three varieties of Southport Globe Onions we have carefully bred up for years. All three Southport Onions ripen very evenly and on this account particularly are wonderful keepers. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00, postpaid.

Extra-Early Red

A medium sized, flat variety of deep red; an abundant yielder. It is very uniform in shape and size, moderate in flavor; ten days to two weeks earlier than Wethersfield. Especially good for a cool climate where other varieties fail to produce full-sized Onions. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.25, postpaid.



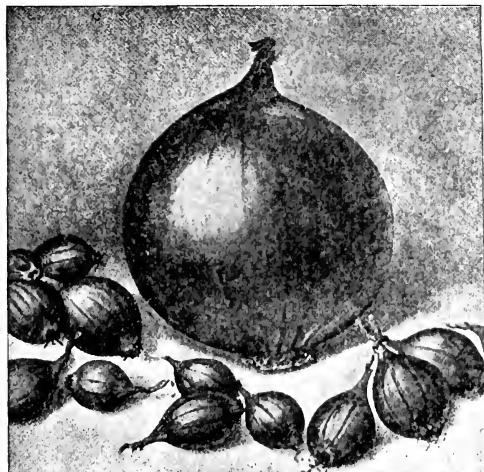
Prizetaker Onion

White Portugal, or American Silverskin

A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75, 5 lbs. and over at \$2.50 per lb., postpaid.

Yellow Strasburg, or Dutch

The large Onions are flat, round, thick through. Skin yellow; flesh pure white, mild flavored; productive; best for sets. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50, postpaid.



Southport Red Globe Onions

Prizetaker

The true American-grown Prizetaker is larger and more uniform in growth than any other yellow variety. It is of beautiful appearance, with outside skin of a rich straw color, while the flesh is white, sweet, mild and tender. The average size is 12 to 16 inches in circumference; the weight sometimes reaches 5 pounds. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Ailsa Craig

This is the great exhibition Onion in England. It grows to an immense size, 3½ to 4 pounds each being frequently recorded. It is of a beautiful yellow, or straw color, slightly pointed at each end. To obtain the best results the seed should be sown in the hotbed and transplanted from 4 to 6 inches apart. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50, postpaid.



Southport White Globe Onions

Large Red Wethersfield

A Leading Variety. Produces Enormous Crops of Solid, Heavy and Perfect Onions

This is a grand red variety and a general favorite. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved from only carefully selected bulbs; will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich, dark red. It is an early variety to mature and a fine keeper. The flavor is good and mild, and it is an admirable Onion for boiling. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75, 5 lbs. and over at \$2.65 per lb., postpaid.

ONION SETS

White and Yellow Onion Sets. Grown from our select strains. The price per bushel is subject to change with the market. Write for quotations. Per qt., postpaid, 35 cts.

MARTIN COPE'S SONS, Manheim, Pa., write: "We received your letter inviting us to buy our seeds from you, which we would certainly do if we were in the gardening business yet, as your seeds and manner of dealing were always very satisfactory."

KELLEY & BLUM, Harmony, Pa., write: "Your seeds have given good satisfaction and we want to put in a complete line of your loose seeds next season."

Italian and Pickling Onions

ADRIATIC BARLETTA. Very early; small; pure white with silver skin; flesh mild but firm; fine for pickling.
GIGANTIC GIBRALTAR. Fairly globular in form; skin light straw color; flesh white; tender and mild.....
QUEEN. Very early; small; flat; white and mild pickling Onion.....
SILVER KING. White-skinned Onion; immense size.....

Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
05	20	60	\$2 25
10	25	80	3 00
05	15	50	1 75
05	15	40	1 50

- 36 Early Beet
- 24 Early Cabbage
- 24 Early Celery
- 12 Early Cauliflower
- 24 Head Lettuce
- 12 Early Tomatoes
- 12 Main Crop Tomatoes

144 for \$1.00

READ!

**SPECIAL OFFER OF 12 DOZ. VEGETABLE PLANTS,
VALUE \$1.50, for \$1.00, DELIVERED AT YOUR DOOR**

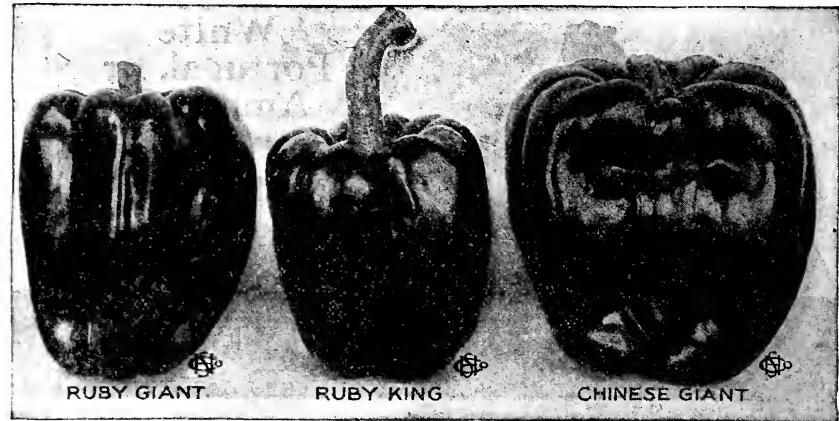
**This collection will be ready to be
shipped from May 10 to June 15, 1917**

If you desire the above splendid offer, please enclose \$1.00
and mark line below with an X

SPECIAL PLANT OFFER FOR \$1.00



RUBY KING. Prolific; early; ruby-crimson; flesh thick, mild, sweet. SWEET MOUNTAIN, or MAMMOTH. Very mild flavor.



PEPPER

Pfeffer Peperone
Pieprz

CULTURE—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or, when all danger of frost is past, sow in open ground and thin. One ounce will produce about 2,000 plants.

	Pkt.	By Mail, Postpaid Oz.	$\frac{1}{4}$ lb.	Lb.
Early Neapolitan. Fruits may be gathered the last of June. Thick-meated, usually mild and sweet; bright red. Plants frequently carry 30 to 40 handsome fruits.	05	30	75	\$2 75
GOLDEN QUEEN. Golden yellow; sweet and delicate flavor.	05	25	65	2 25
LARGE BELL, or BULL NOSE. Large; early; bright red; mild.	05	25	65	2 25
LONG RED CAYENNE. Late; small, bright scarlet; cone-shaped; pungent pods.	05	25	65	2 25
New Chinese Giant. Strong; stocky growth; bushy; erect; growing 18 inches to 2 feet high. Very prolific. Peppers very large in size; flesh thick, very mild. See illustration.	10	35	\$1 00	3 50
New Ruby Giant. Extra large; vigorous in growth; mild and sweet as an apple; makes fine salad with tomatoes.	10	35	1 00	3 50
RED CLUSTER. Dwarf, compact; small, thin, red pods.	05	25	65	2 25
RED CLUSTER. Dwarf, compact; small, thin, red pods. See illustration.	05	25	65	2 25
	05	25	65	2 25

HOLMES' PROLIFIC SWEET PEPPER (New)

One-third natural size. Fully as large as Crimson Giant, but differing in shape.

The most prolific Pepper grown and absolutely sweet.

Not only is it productive for so large a Pepper, but its size and appearance make it sell on sight. Fruits may be gathered early in July. The meat is thick and can be eaten like an apple. We have counted 43 full-sized Peppers on a single plant, and the crop will yield 18 to 30 fruits on each plant.

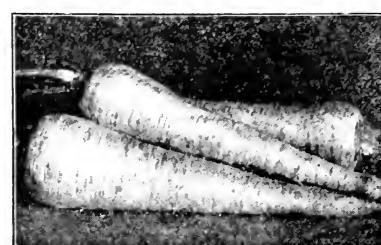
Prize. We offer \$5 cash prize for the plant bearing the largest number of Peppers. We reserve the right to have plant sent to us by parcel post or you can have a photograph made and send this. Price of seed, either Red or Yellow. Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{2}$ oz. 50 cts., oz. 85 cts., $\frac{1}{4}$ lb. \$3.

PARSNIPS

Pastinake
Pastinaca

CULTURE—Sow early in spring, in drills 15 inches apart and half an inch deep in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

Guernsey. A half-long Parsnip. Flesh fine-grained; much sought for by market gardeners because of its fine appearance.



Holmes' Hollow Crown Parsnips

	Pkt.	By Mail, Postpaid Oz.	$\frac{1}{4}$ lb.	Lb.
Holmes' Hollow Crown. Uniformly large and handsome roots of stocky form. Flesh white; fine texture; free from core and stringiness; fine flavored. Frost improves their quality. See illustration.	05	10	20	60
Maltese. Roots very smooth and the flesh fine grained, of most excellent quality; skin ivory-white..	05	10	20	70

N. B. KEENEY & SON, Le Roy, N. Y., write: "It may be of interest to you to know that the 'Holmes' Delicious' Sweet Corn seed which you sent us last spring was not planted until about the middle of June and was placed between the different varieties of beans in order to separate them. The corn, which was planted a month late, is now in good picking condition and is affording pleasure to quite a good many of our neighbors and friends. Our man goes to the farm in the morning and picks about two bushels and delivers quantities varying from six to twelve ears to our neighbors and friends as long as the supply of corn holds out. All who have reported to us regarding it seem to consider it an exceptionally fine sweet corn, and we will thank you to book our order now for a peck of seed of this variety to be delivered at your convenience during the coming winter."

PARSLEY

Petersile Prezemolo
Petroszka

CULTURE—Soak seeds in water 24 hours before planting. Sow thickly early in rows one foot apart; cover half an inch deep; finally thin to 5 or 6 inches apart, or transplant and cut back frequently. Five pounds to the acre.

	Pkt.	By Mail, Postpaid Oz.	$\frac{1}{4}$ lb.	Lb.
CHAMPION MOSS CURLLED. Densely crimped, dark leaves.	05	10	25	85
EXTRA CURLLED EMERALD. Dwarf habit; productive.	05	10	25	85
EXTRA DOUBLE CURLLED. A popular fine dwarf.	05	10	25	85
HAMBURG, or TURNIP-ROOTED. Fine for flavoring.	05	10	25	85
Holmes' Ideal. Leaves ornamental crimped; growth compressed and thick, almost a half-globe. Very robust, greatly improved by severe cutting. Stands heat, drought and cold; yields finely. Color and taste ideal.	10	15	30	85
PLAIN. The leaves are not curled; plant very hardy.	05	10	25	85
ITALIAN LONG SMOOTH. New. Much sought for by German truckers; true.	10	15	35	\$1 00



New English Pea, Little Marvel

PEAS

Erbser Pisello
Groch

NORTHERN-GROWN

Again, for the sixth year, the Pea crop is short; in fact, at this writing, there is no telling just the damage done, but we are assured that many varieties of Peas have been cut very short by reason of the frosts and snow. So beware of cheap seed.

CULTURE—To grow for market sow in single rows 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart. When grown in garden sow in double rows 6 to 8 inches apart; tall sorts require brush. Begin sowing the extra-early varieties as soon as the ground can be worked in March; continue for a succession, every two weeks until June. One quart will plant 100 feet of drill; 1½ bus. to the acre.

New English Pea, Little Marvel

Still another year's experience makes us hold this distinct, new, dwarf first-early in even higher esteem. We are sure that as soon as American gardeners, whether for pleasure or profit, become acquainted with Little Marvel, they will drop both Little Gem and Nott's Excelsior, popular as these two varieties are today. The vines, of dwarf, even growth, average 15 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average 2½ inches in length, are square at the bottom and well filled with six to seven quite large, deep green Peas. The Peas are ready for the table fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality wrinkled Peas will be delighted with Little Marvel. See illustration. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., postpaid. By express or freight, not prepaid, pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, peck \$2.25, bushel \$7.50.

New English Pea, Laxtonian

This is the Largest Podded of All Early Dwarf Peas

A new sort of decided merit. The vines are vigorous, growing about 16 inches high and produce a large crop of good-sized pods, averaging from 9 to 10 Peas to the pod. The Peas are of exquisite flavor and mature early. Many people who have tried Laxtonian consider it superior to either Gradus or Thomas Laxton and claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. See illustration. Pkt. 10 cts., pt. 40 cts., qt. 75 cts., postpaid. By express or freight, not prepaid, qt. 50 cts., 4 qts. \$1.75, peck \$3.

New Pea, Holmes' Pedigree Extra-Early

The Most Prolific, Earliest and Even Stock in Cultivation

By careful selection for a number of years we have developed this magnificent strain which must not be classed with the extra earlies listed in many catalogs under various names. Being grown in the far North, and with the selection of the earliest and choicest vines, this strain has been so improved that it fully bears out our claim as the earliest, most prolific and even strain in existence. A single picking will secure the entire crop. Vines vigorous and hardy; 2 to 2½ feet high, bearing abundantly. Pkt. 10 cts., pt. 25 cts., qt. 45 cts., postpaid. By freight or express, not prepaid, qt. 35 cts., peck \$2, bushel \$7.

New Pea, Gradus

ALSO CALLED EARLY TELEPHONE

Earliest Large-Podded Pea ever Introduced—Height 3 feet; Plant Thickly

In the Gradus we have one of those long strides of progress not often found in the ordinary advancement of vegetables. The variety is an imported one, having been raised by Thomas Laxton in England. The vine has very heavy stems and produces uniformly large pods, measuring 4 to 4½ inches long, nearly round, and well filled with 8 to 10 large handsome Peas. In flavor and quality Gradus is of the highest "marrow" type, melting and sugary, retaining, when served, its bright, vivid green. Pkt. 10 cts., pt. 35 cts., qt. 50 cts., postpaid. By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1.50, peck \$2.50, bushel \$9.

New Pea, Thomas Laxton

A new variety, producing large pods in abundance. Delicious; matures as early as the extra-early smooth Peas and, being a wrinkled sort, is much sweeter. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 35 cts., 4 qts. \$1.25, peck \$2.25, bushel \$8.50.

New Dwarf Champion of England

long-felt want. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 90 cts., peck \$1.75, bushel \$5.50.

Nott's Excelsior

Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 85 cts., peck \$1.75, bushel \$6.50.



New English Pea, Laxtonian

A hardy, robust and vigorous grower of handsome green pods and the quality is unsurpassed. Height of vine 26 inches, 68 days from planting. For a reliable, staple market variety we believe it will fill a

long-felt want. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 85 cts., peck \$1.75, bushel \$6.50.

Grand New Garden Pea, Quite Content

A sensational novelty of England which is, without doubt, the largest podded Pea in existence. At all the principal shows in England Carter's "Quite Content" is now preeminent.

It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but has considerably larger pods. The vines attain the height of 5 to 6 feet; pods enormous, dark green, measuring 5 to 6 inches and contain 8 to 12 Peas of delicious flavor. We have seen pods of this new Pea 7 to 8 inches long and fairly crowded from tip to tip with fine large tender Peas. See illustration. Pkt. 10 cts., pt. 30 cts., qt. 45 cts., postpaid. By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1, peck \$1.75, bushel \$6.50.

Prolific Early Market

This Pea is about four days later in maturing than our Market Garden Extra Early, but it produces 30 to 50 percent more Peas than any other early variety. Pods are about one-fourth to one-half longer than any of the extra-early types. Seed resembles the extra-early sorts but is somewhat wrinkled. The beauty of this particular Pea is that it comes in all at one time and can be cleaned up with one picking. Pkt. 10 cts., pt. 25 cts., qt. 45 cts., postpaid. By freight or express, not prepaid, qt. 35 cts., peck \$1.25, bushel \$5.50.

New English Pea, Sutton's Excelsior

Its great merit is that it is an early, dwarf, wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any other dwarf wrinkled. Similar in habit of growth to Nott's Excelsior, which is one of the most popular. It holds the place in the extra-early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. The height is about 12 to 14 inches, showing a great abundance of long, broad, straight pods of pale green. Pkt. 10 cts., pt. 30 cts., qt. 50 cts., postpaid. By freight or express, not prepaid, qt. 40 cts., 4 qts. \$1.25, peck \$1.75, bushel \$6.00.

New Pea, Amerer

Called Large Alaska
in the South

Height 18 to 20 inches; habit dwarf, stocky and vigorous; color dark green. The most robust grower we know of. It is an imported variety which tested out in our trials better than any other sort of its class. This Pea comes in about the same time as the Thomas Laxton, not so large but twice as prolific. Just the Pea for the market or home gardener. Give it a trial. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 25 cts., 4 qts. 90 cts., peck \$1.50, bushel \$5.50.

New Late Pea, Alderman

This fine second-early, wrinkled Pea has proven in our trials to be a very valuable acquisition. We predict for it a place in every catalog and, once in, the hands of the gardener, the old Telephone and Duke of Albany will be forgotten. Vines vigorous, growing about 3½ feet high, with coarse, dark-colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor. A splendid shipper and we recommend this to all large Pea growers. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid. By freight or express, not prepaid, qt. 30 cts., 4 qts. \$1, peck \$1.75, bushel \$6.50.

New Pea, Holmes' Masterpiece

Extra-Early
Large-Podded

We have watched the behavior of this splendid Pea with much interest, for it always seemed to us that it would outrank, as a large early Pea, the justly famous Gradus, or Prosperity, and it has. We believe this to be one of the finest and most prolific large-podded Peas ever introduced. The pods contain 8 to 10 perfectly formed Peas, and are of such large size and excellent flavor that they sell on sight at market. In quality and flavor the Peas are all that can be desired. ½ pt. 20 cts., pt. 35 cts., qt. 60 cts., postpaid. By freight or express, not prepaid, qt. 50 cts., 4 qts. \$1.50, peck \$2.75.

GENERAL LIST OF GARDEN PEAS

Liberal packets of any variety of Peas 10 cts. each. Those prefixed with a * are wrinkled varieties

DWARF EXTRA EARLY require no stalkng or brush

	By Mail Postpaid	By Exp. or Frt. Not Prepaid		
	Qt. 25	Qt. 25	\$1 50	\$6 00
*AMERICAN WONDER. 10 to 12 inches. Extra early; Pt. dwarf; wrinkled; finest quality.....	25	40		
*Little Gem. 16 to 18 inches. Dwarf; green; wrinkled; excellent flavor.....	25	40	1 50	6 00

EXTRA EARLY, MEDIUM

ALASKA. 2 feet. Pods well filled with small, smooth, blue-green Peas.....	25	40	25	1 50	5 50
HOLMES' MARKET GARDENERS' EXTRA EARLY. 2 feet. Superior strain of the extra-early Peas, ripening evenly throughout.....	25	40	25	1 50	6 00

SECOND, or MEDIUM EARLY

*ADVANCER. 2½ feet. Green, wrinkled Peas; fine flavor.....	25	40	25	1 25	4 85
*ABUNDANCE. 3 feet. Large, wrinkled Peas of excellent quality.....	25	40	25	1 25	4 85
*Carter's Daisy (Dwarf Telephone). Productive; pods long, well filled.....	25	40	25	1 50	5 25
*EVERBEARING. 3 feet. Prolific; large, wrinkled Peas.....	25	40	25	1 50	5 25
*HORSFORD'S MARKET GARDEN. 2 feet. Grand wrinkled Pea; sweet.....	25	40	25	1 25	4 85

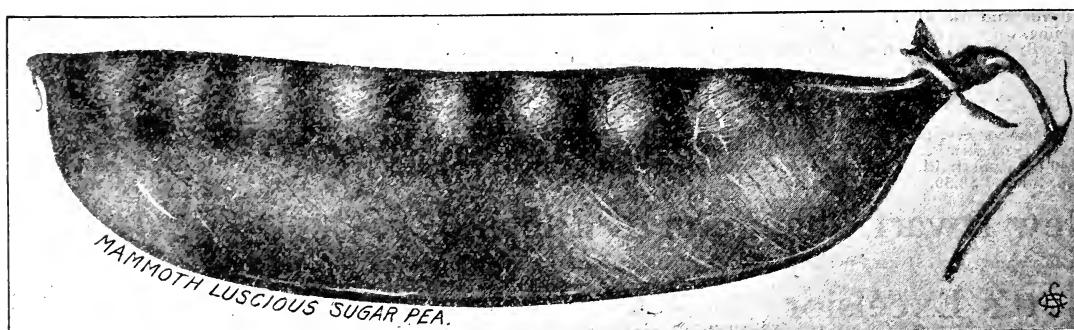
New Garden Pea, Quite Conte...

Easton, Pa.,

Nov. 16, 1914.

Holmes Seed Co.: I take notice that you would like to know about the Emperor Celery. The Celery was the finest in flavor and was otherwise entirely satisfactory in every respect. I will place my order for some.

Very truly yours,
JOSEPH I. V. HAWK.
R. F. D. No. 4.



GENERAL LIST OF GARDEN PEAS—Continued

MAIN-CROP, or LATER

	By Mail, Postpaid	By Exp. or Frt., Not Prepaid		
Pt.	Qt.	Qt.	Pk.	Bu.
BLACK-EYED MARROWFAT.	5 1/2 feet. An old favorite; prolific market Pea.....	20 30	25 \$1 50	\$5 00
*CHAMPION OF ENGLAND.	5 feet. Rich; marrow-like; immense; wrinkled.....	25 40	25 1 50	5 50
*Duke of Albany (American Champion).	4 1/2 feet. Quality superlatively fine.....	25 40	25 1 50	5 50
*JUNO.	2 feet. Dwarf main crop; green, wrinkled, marrow Peas; superb flavor.....	25 40	25 1 25	4 75
LONG ISLAND MAMMOTH, or TELEGRAPH.	3 1/2 feet. Large pods and Peas.....	25 40	25 1 25	4 75
PRIDE OF THE MARKET, IMPROVED.	1 1/2 feet. Large pods.....	25 40	25 1 35	5 00
*STRATAGEM.	2 feet. Dwarf, blue, wrinkled Peas; heavy cropper; large and of excellent flavor.....	25 40	25 1 35	5 25
*Telephone, Special Strain.	4 1/2 feet. Exceedingly productive; large, wrinkled, marrow Peas; rich, sugary flavor.....	25 40	25 1 50	5 50
WHITE MARROWFAT.	5 1/2 feet. Similar to Black-eyed Marrowfat, but of better quality.....	25 40	25 1 25	4 75
*YORKSHIRE HERO.	3 feet. A spreading variety; very productive.....	25 40	25 1 50	5 25

Sugar, or Edible-Podded Peas

The pods are cooked like string beans; if used when about half-grown they are deliciously tender and sweet.

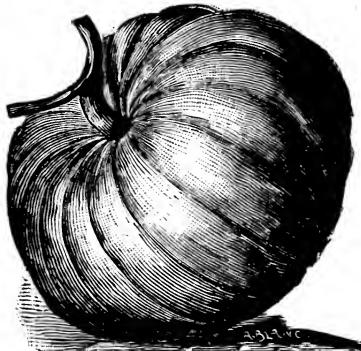
*DWARF SUGAR. 1 1/2 feet. Extra-fine quality; productive and early.....

MELTING SUGAR. 5 feet. Mammoth variety; pods "snap" without string; very sweet; tender.....

Mammoth Luscious. Excels in size, productiveness and quality. Vines average 36 inches; pods gigantic in size; broad, sweet and tender; extremely fleshy; equal best snap beans for cooking pods and all. See illustration.....

*TALL GRAY SUGAR. 4 feet. Immense pods; snap; 78 days.....

COWPEAS AND FIELD PEAS. See Farm Seed Department, pages 38 and 39.



PUMPKINS

Kürbisz Zucca Bania

CULTURE—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines. One ounce will plant 15 hills; one pound for an acre.

Mammoth Golden
Cushaw,
or Crookneck .

This splendid variety is of a rich golden orange and grows to a large size; in its early stages it is dark green. The flesh is much thicker, sweeter and finer grained than in any other Pumpkin, and a deep, rich yellow. For making pies this variety is superior, while for stock feeding and keeping purposes it has no equal. See illustration. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25, postpaid.

Jumbo, or Mammoth Potiron

No other Pumpkin ever introduced has reached such enormous weights and been awarded so many prizes. Hundreds of our customers have raised specimens weighing over 150 pounds each. It frequently attains a diameter of over 4 feet.

By Mail, Postpaid

The flesh and skin are golden yellow, and, notwithstanding its enormous size, it makes a good table Pumpkin.....

05 20 40 \$1 50

CHEESE. The most popular for pies and table use; large, flat, round; creamy yellow skin; thick orange flesh of fine quality.....

05 10 20 60

CONNECTICUT FIELD. A productive, large, orange-colored field Pumpkin, usually grown for stock feeding, but it also makes good pies.....

05 10 15 40

SMALL SUGAR. A handsome and productive small Pumpkin; 10 to 12 inches in diameter; round; flattened; skin orange; flesh deep yellow, fine grained and very sweet.....

05 10 25 75

WINTER LUXURY. A superior pie Pumpkin; small, but enormously productive and an excellent keeper; shape round oblong, about 10 inches in diameter; golden russet, finely netted; flesh deep golden, sweet and tender.....

05 10 25 85

IMPROVED GREEN-STRIPED CUSHAW. Improvement on White Cushaw; green and white striped; flesh rich yellow; solid, fine grained; thick and sweet.....

05 10 25 85

QUAKER PIE. Shape nearly oval. Cream-colored skin and flesh; fine quality.....

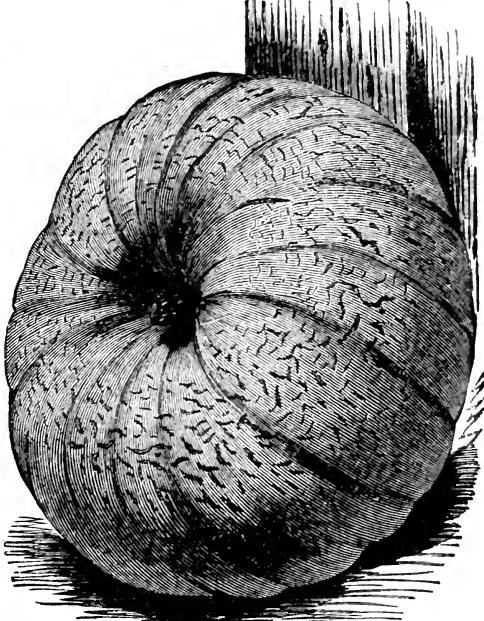
05 10 25 85

TENNESSEE SWEET POTATO. Bell shaped; white flesh; very thick and sweet.....

05 10 25 80

JAPANESE. Surpasses all others in flavor. Flesh thick, salmon colored, fine grained, sweet.....

05 10 30 1 00



Jumbo or Mammoth Potiron

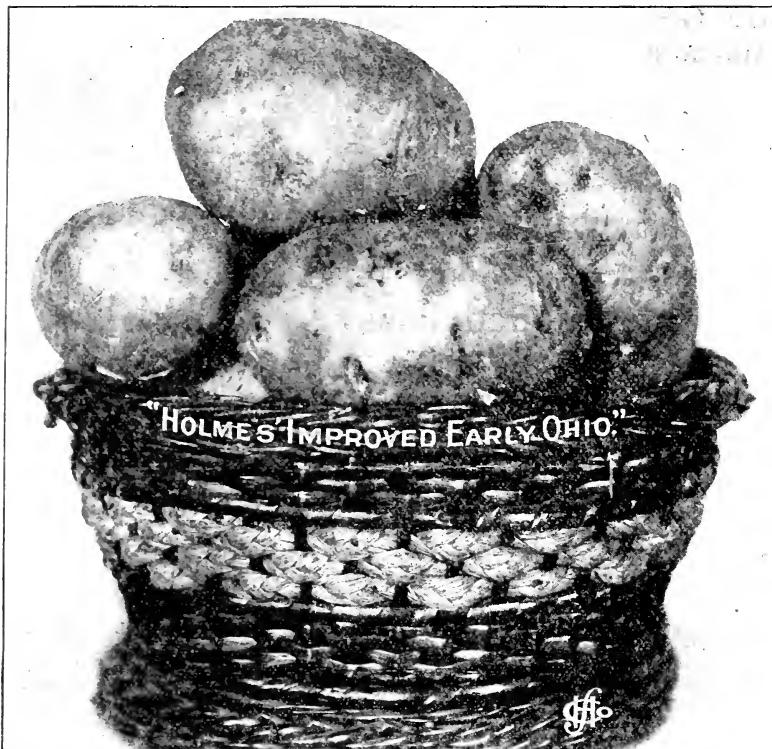
	By Mail, Postpaid	Lb.
Pkt.	Oz. 1/4 lb.	Lb.
05	10 25	75
05	10 25	85
05	10 25	85
05	10 25	85
05	10 25	80
05	10 30	1 00



OUR SEED POTATOES
Potatoes Grown Especially for Seed

NO OTHER SECTION PRODUCES AS HEALTHY AND VIGOROUS SEED POTATOES AS NORTHWESTERN NEW YORK. TRY THEM AND BE CONVINCED

Our Seed Potatoes are grown for us by the noted potato grower, Mr. A. G. Aldridge, who has appointed us exclusive agents in Harrisburg and vicinity for the sale of his Potatoes. Many of our market gardeners who visited Mr. Aldridge with the writer several years ago, are convinced that he has the best stock of seed Potatoes, true to name and absolutely free from disease. The soil where these Potatoes are grown is well adapted to grow handsome tubers, free from scab and the flesh is crisp and firm compared with the Maine-grown Potatoes which are inclined to be soft and spongy and of a poor keeping quality. Solid, fresh Potatoes will be sure to grow and make an even stand throughout your field, while soft seed is inclined to rot and disappoint you. The New York Potatoes grown by Mr. Aldridge are so well known that they do not have to be inspected by a Federal inspector. Is it not better to pay a little higher price to secure stock of this nature than to pay a less price and be disappointed in either the yield or the quality of the seed? We offer the following varieties, and as these prices are made during the fall of the year, they are subject to change without further notice.



PURE NORTHERN-GROWN SEED POTATOES

Special Notice. This year Seed Potatoes are very scarce and FIRST CLASS, free from disease stock will be hard to get. Our stock will be the same as in former years—pure and of the finest selection.

Holmes' Improved Early Ohio.

This grand strain of the old reliable Early Ohio is without doubt the earliest and most productive variety. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid. By express or freight,

Irish Cobbler. One of the best extra-early varieties. Very large; white and heavy cropper; of excellent quality. Earlier than the Ohio. Lb. 30 cts., 3 lbs. 60 cts., postpaid. Freight or express,

VERMONT GOLD COIN. Excellent flavor; small shallow eyes; thin skin; fine-grained flesh; shape slightly oblong; rather broad and thick through. The strong-growing quality and exceptional productiveness make it the best Potato for general crop. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid. By express or freight,

As these prices are made early, they are subject to change without notice.

Pk.	Freight or Express Bu.	Bbl.
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Owing to the short
crop of Seed Potatoes
prices will be given
on application.

IMPROVED EARLY ROSE.	Pure and genuine.
MAINE ROSE.	The best variety of the rose type.
EARLY HARVEST.	An unusually heavy yielder.
EARLY FORTUNE.	Is very productive.
QUICK CROP.	Very early vigorous grower.
SIR WALTER RALEIGH.	New, valuable variety.
RURAL NEW YORKER.	The tubers are large.
CARMAN No. 1.	Finest second-early Potato.
CARMAN No. 3.	Best late sort; yields heavily.

EUREKA

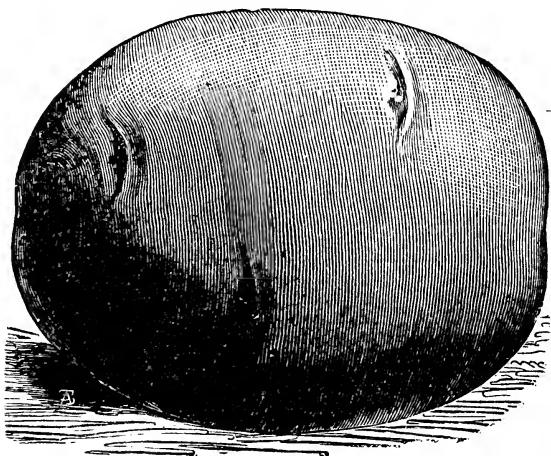
Extra early and a coming favorite. Although a chance seedling it is very remarkable for its extreme earliness, and the number of large, round, white tubers in each hill. Now is the time to buy a few of these and grow some extra-early Potatoes to sell to your neighbors. Lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express,

NEW SCOTCH ROSE POTATO

This new rose-colored potato is a great favorite. The seed first came from Scotland. The tubers are oblong, bright and thick, with shallow eyes; tops large; dense, with strong stocky stems. There are few small tubers, and we recommend growing this new Scotch Rose in drills. We will match it against any late variety for productiveness, and wish it tested beside any of the late sorts, because we have never tasted a more productive variety. Its season is medium early, ripening after the early sorts and before Carman No. 3. We consider the Scotch Rose an extremely desirable variety and specially recommend it to our friends for trial. It will produce more large tubers on light poor sand than any other variety. Lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express, write for prices.

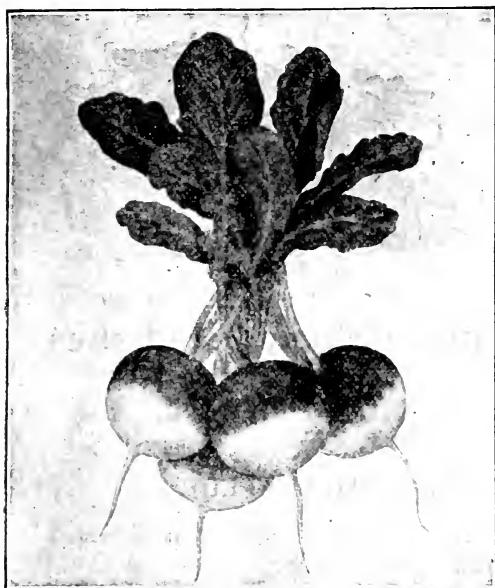
OHIO JUNIOR

This is a chance seedling and is in some way related to that good old sort, the "Early Ohio," as it is almost identical with that variety in form and marking of tuber, habit of growth, etc. It is the first and only instance where the Ohio has been reproduced from seed. The tubers are oval-oblong, round at the seed end, with full eyes that are almost even with the surface. It is an excellent keeper, of fine quality and very productive. We planted Ohio Juniors May 10, and in 60 days we had potatoes large enough for table use. It always brings from 10 to 25 cents per bushel more than other varieties. Lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express, write for prices.



IRISH COBBLER

The most popular early variety grown at the present time. We sold more bushels of them last spring than ever before and more than any other early variety. Our customers are more than pleased with them and report having harvested large, handsome, white tubers, very early. They cook dry and the flavor is fine. Will keep good until late in spring. Some of our farmers claim it out-yielded their late varieties last season. Lb. 30 cts., 3 lbs. 60 cts., postpaid. By freight or express, write for prices.



Sparkler, or White Tip Scarlet Turnip Radish

New White Icicle

The finest-flavored quick-growing Radish now in cultivation

We have no hesitancy in saying it is one of the finest, long, white, forcing radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. If well cultivated, Icicle produces its $3\frac{1}{2}$ to 4-inch cylindrical roots within 22 days from date of sowing. This means the acme of crispness. We find that for successive planting Icicle succeeds as well in midsummer as when sown early; even in an advanced state it retains its fine flavor, never becoming woody. See illustration. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts., postpaid.

Holmes' Royal Red Forcing

Best for forcing in or out doors; quick grower; makes Radishes in three weeks. Globe shaped; deep red; crisp and tender; tops small. The beautiful color and shape of this Radish make it a very attractive table relish. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. 80 cts., postpaid.

Giant Forcing For Forcing or Open-Ground Culture. A Variety for Market Gardeners

CRIMSON RADISH

A new Early Turnip Radish, double the size of any of the early turnip-shaped type. This variety develops to 6 and often 7 inches in circumference, weighing up to an ounce per bulb, or about four times the weight of similar sorts; but notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkingly white, solid, crisp and juicy, and of the mildest flavor. The shape of the bulb varies between round and almost oval, but the bright, deep crimson color of the skin remains quite constant. Excellent, both for forcing and open-ground culture. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 90 cts., postpaid.

Felton's Model White Box Radish

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more Radishes in the same space under glass, in boxes or open ground. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid. 5 lbs. \$3.25, by express.

RADISHES

Radies Ravenello
Rzodkiew

Our stock of Radishes is French-grown. Being sown in beds and transplanted, we are positive of having straight sorts.

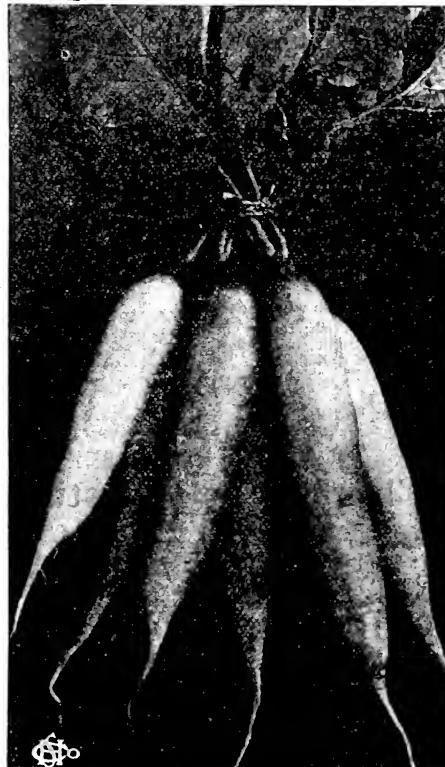
CULTURE—Radishes delight in light, rich, mellow soil, and to be crisp and tender, must make rapid growth. For very early use, sow in a gentle hotbed in January, and continue sowing every two weeks until September, in drills 10 inches apart, thinning plants to 2 inches apart. Sow winter Radishes in midsummer and take up before severe frosts and store in sand or earth in a cool cellar. One ounce will sow 100 feet of drill; 10 pounds in drills will sow an acre.

White Strasburg Summer

This variety is now the most popular summer Radish. Both skin and flesh are pure white, almost transparent, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality and remains tender longer than any other summer sort. See illustration. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid. By express, not prepaid, lb. 75 cts., 5 lbs. \$3.

Vick's Early Scarlet Globe

The roots of this Radish are slightly olive shaped; a rich, bright scarlet in color; flesh tender and white. It is fit to pull among the very earliest and is much larger than most of the extra-early Radishes. We especially recommend this to gardeners whose market demands a large, first-early, forcing Radish. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid.



Holmes' French-Grown Icicle Radish

Early Long Scarlet Short Top Improved

This variety is a standard and excellent sort for private gardens or the market. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color, and continue crisp and tender until fully matured, when they are about 6 inches long. This is the variety grown so extensively in Petie Cote, Ontario, where the finest Radishes in America are produced. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early Scarlet Turnip White-Tipped

Or Coopers Sparkler

Handsome; a little later than the extra-early forcing Radishes, but will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side; color very deep scarlet with a distinct white tip; flesh white and of the best quality; fine flavored, crisp, juicy, solid, and with never a hint of pithiness. This is an excellent variety, both for home and market purposes. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.



Felton's White Box Radishes



Vick's Scarlet Globe Radish



White Chinese, or Celestial Radish

RADISHES CONCLUDED

JULIA HENDERSHOT,
Morristown, N. J.,
writes: The flower
seeds which I purchased
from you gave me the
best of results. They
bloomed the whole sum-
mer, and were satis-
factory in every way.



Holmes' Royal Red Forcing Radish

Early Round, or Turnip-Shaped Radishes

	Pkt.	By Mail, Postpaid	Oz.	1/4 lb.	Lb.
EARLY ROUND DARK RED.	05	10	20	75	
EARLY SCARLET TURNIP.	05	10	20	75	
Scarlet Button.	05	10	20	75	

EARLY OLIVE AND OVAL-SHAPED

FRENCH BREAKFAST.	05	10	20	75	
Holmes' Dainty Forcing.	05	10	20	75	
SCARLET OLIVE SHAPED.	05	10	20	75	
SURPRISE.	05	10	20	75	
WHITE OLIVE SHAPED.	05	10	20	75	
YELLOW OLIVE SHAPED.	05	10	20	75	

EARLY LONG

CINCINNATI MARKET, or GLASS.	05	10	20	75	
LONG BRIGHTEST SCARLET.	05	10	20	75	
LONG WHITE VIENNA, or LADY FINGER.	05	10	20	75	
Pearl Forcing.	05	10	20	75	
WOOD'S EARLY FRAME.	05	10	20	75	

SUMMER AND AUTUMN

Chartier.	05	10	20	75	
GIANT WHITE STUTTGART.	05	10	20	75	
HALF-LONG DEEP SCARLET, or PARIS BEAUTY.	05	10	20	75	
WHITE SUMMER TURNIP.	05	10	20	75	

WINTER

CALIFORNIA MAMMOTH WHITE.	05	10	20	75	
LONG BLACK SPANISH.	05	10	20	75	
ROSE CHINA WINTER.	05	10	20	75	
ROUND BLACK SPANISH.	05	10	20	75	

White Chinese, or Celestial Radish

Never has a winter Radish won so much favor, and indeed it is worthy of all the praise given it. Mr. Austin G. Rupp, Shiremanstown, Pa. (whose photograph we print herewith) has been growing this variety for some years, and gets very high prices in market for the Radishes. So valuable did he consider it that for years he thought it policy not to tell his neighbors the name of the Radish. The true stock of this variety is stump-rooted, as will be seen in the photograph, and although a winter Radish, it can also be grown in late summer, as were those photographed and shown in our illustration. The flesh is firm, solid and pure white. It keeps all winter in prime condition and is of mild flavor. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 25 cts., lb. 85 cts.

RHUBARB (Pieplant) Rhabarber Rababarbo

Spring-sown seed produces plants of good size to pull from the following spring; planting roots saves one year.	10	20	40	\$1 25	
VICTORIA.	05	10	20	75	
RHUBARB ROOTS.	05	10	20	75	

We can also supply young roots of this variety, which, if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring. Doz. 75 cts., 100 \$5, 1,000 \$35, by freight or express, not prepaid.

SQUASHES Kurbisz Zucca Miekuzz

Boston Marrow.	Fall and winter variety; large, oval form; skin thin; bright orange, with netting of light cream color; flesh rich salmon-yellow, fine grained, excellent flavor. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. 75 cts., by mail, postpaid.				
FORDHOOK.	Early, sweet, dry; good summer variety; oblong. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts., lb. \$1, by mail, postpaid.				

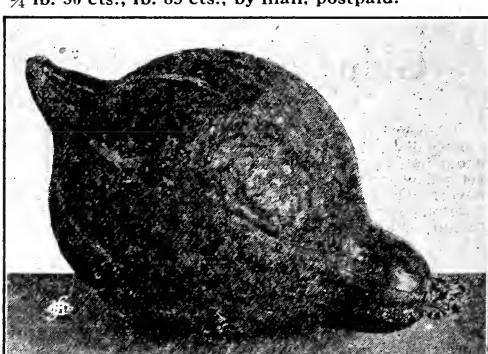
GOLDEN CUSTARD, or YELLOW BUSH (Cymlin).	Mammoth scalloped bush; extra quality. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. 85 cts., by mail, postpaid.				
Golden Hubbard.	A true Hubbard except in color, which is bright red. Wonderfully productive; fruits weigh 6 to 8 pounds; shell warty and strong; flesh deep orange to shell; cooks very dry; good flavored. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 40 cts., lb. \$1, by mail, postpaid.				

IMPROVED HUBBARD.	One of the best winter Squashes; flesh bright orange-yellow; fine grained; very dry. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. 85 cts., by mail, postpaid.				
Mammoth White Bush Scallop.	Fruit beautiful, clear waxy white; superior in size and beauty. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. 75 cts., by mail, postpaid.				

MAMMOTH YELLOW SUMMER CROOKNECK.	Vine larger and stronger than the old Summer Crookneck and producing fruit fully twice as large, deeper colored and with rough surface. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. 85 cts., by mail, postpaid.				
DELICIOUS. (Gregory.)	Fine quality; excels any in flavor. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. 75 cts., by mail, postpaid.				

LARGE-WARTED HUBBARD.	Large size; productive; hard green, warty shell. Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. 85 cts., by mail, postpaid.				
MAMMOTH CHILI.	Often weighs 200 pounds; flesh rich; fine flavored. Pkt. 5 cts., oz. 20 cts., 1/2 lb. 40 cts., lb. \$1, by mail, postpaid.				

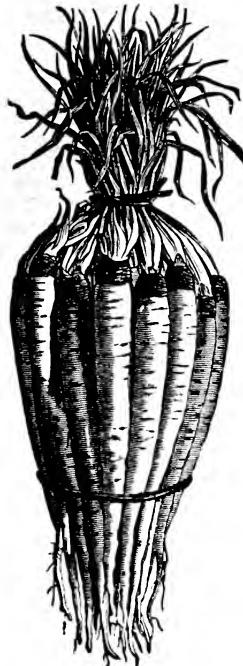
AUTUMN AND WINTER



Improved Hubbard Squash

SALSIFY (Vegetable Oyster)

Haferwurzel Sassefrica Jarzynowa



Sandwich Island Salsify

CULTURE—It succeeds best in light, well-enriched soil. Sow early and quite deep. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds to the acre. **LARGE WHITE.** Common variety; medium-sized; smooth; flesh white. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25, by mail, postpaid.

Mammoth Sandwich Island.

Larger and less liable to branch than Large White. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50, by mail, postpaid.

SPINACH

Spinat
Spinace

CULTURE—Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use sow in August; for winter in September. Cover with straw or leaves in winter. Varieties prefixed (*) may be sown in the fall for spring crop. One ounce will sow 100 feet of drill. Twelve pounds to the acre in drills.

***Bloomsdale**, or NORFOLK SAVOY. Fall planting; fleshy; curled; hardy. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

GIANT ESKIMO. New. A variety we imported from Japan; very large. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

Long Season. Can be grown successfully in hot weather without going quickly to seed. Leaves are very dark green, and grow in a thick, rounded cluster; tender and succulent; remain fresh and crisp for a considerable time after cutting. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 45 cts., by mail, postpaid.

LONG-STANDING. Excellent; compact; thick, fleshy, dark green leaves. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

NEW ZEALAND. Abundant; never cooks stringy. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1, by mail, postpaid.

ROUND-LEAVED. Thick, round, succulent leaves. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 35 cts., postpaid.

***THICK-LEAVED.** Produces large, thick, bright green, crumpled leaves. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

Ib. 50 cts., by mail, postpaid.

VICTORIA. Very heavy, broad, deep green leaves, crumpled. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., postpaid.



Bloomsdale Spinach

TOMATOES

Liebesapfel
Pomo d'oro
Pomidor

All our Tomato seeds are from seed stocks carefully selected. We challenge comparison with any offered.

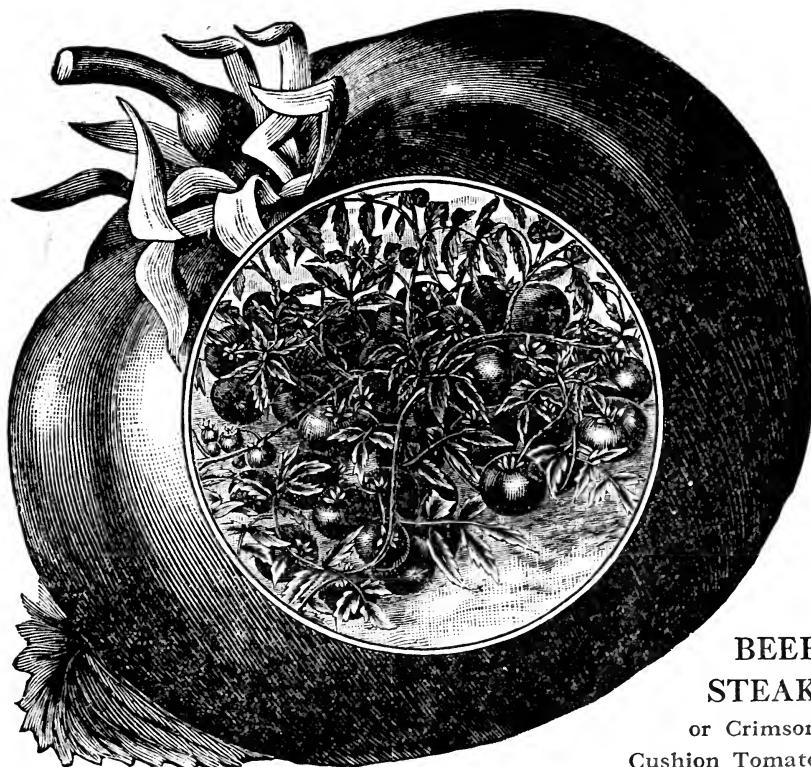
CULTURE—Tomatoes do best on light, warm, not overrich soil. Sow in hotbeds from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 or 5 inches apart. Set out of doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes.

One ounce for 1,500 plants, $\frac{1}{4}$ lb. for an acre

BEEF STEAK or Crimson Cushion

THE VERY BEST LARGE-FRUITED BRIGHT CRIMSON TOMATO

The Crimson Cushion is well worthy of its name; in beauty of coloring and symmetry of form, it is indeed without a peer. The vines are of strong, vigorous growth, well set with fruit; the foliage is very rich dark green in color. The engraving accurately shows the form. They are entirely free from core, of a rich crimson-red color, and are not liable to crack from wet weather. The fruits are of the largest size, which size is maintained throughout the season, the healthy growth of foliage continuing until killed by frost. Had we to confine ourselves to one variety it would be the Crimson Cushion, for certainly no other Tomato will produce a full crop of extra-large crimson fruits, so smooth, handsome and marketable as the Crimson Cushion. The flesh is so firm that ripe specimens picked from the vine will keep in good marketable condition for two weeks. Its fine quality, solidity and long-keeping character have already made the Crimson Cushion Tomato a great favorite for both market and family use. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.



BEEF
STEAK
or Crimson
Cushion Tomato

Walnut Bottom, March 26, 1915.

Dear Sir: After a trial of your Emperor Celery I can say it is the best variety I ever came in contact with. A neighbor came in and said it was the best Celery he ever ate.

I remain,

MRS. CARRIE STANCY.



HOLMES
EVERBEARING TOMATO

More productive and as early as New Dwarf Stone.

Livingston's New Globe.

5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

Matchless. Fruit large, smooth, free from core; rich cardinal red. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

PERFECTION. Smooth, tough skin of brilliant scarlet; solid, rich flavor. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

PONDEROSA. The largest Tomato of all. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Sparks' Earliana. Remarkable for earliness; large size; handsome shape and bright red color; solid; fine quality. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Stone. Fruit round, apple-shaped; very large; deep red; heavy. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

TROPHY. Extra selected; an old favorite. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

TRUCKERS' FAVORITE. Reddish-purple; fleshy; vines strong and vigorous. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

YELLOW PLUM, YELLOW PEAR, RED PEAR. For preserving. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

Holmes' Everbearing Tomato

THE EARLIEST, LARGEST, MOST PROLIFIC AND MEATIEST RED
TOMATO GROWN

This wonderfully prolific new Tomato was originated by Mr. J. A. Smith, of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. Mr. Smith is in the Division of Zoology of the state and takes delight in experimenting and producing new vegetables. The illustration is from a photograph of one stem bearing 17 fine, large fruits, and weighing $7\frac{3}{4}$ pounds. The clusters will average 15 fine, large, red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acidy taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Ponderosa, and color and smoothness of the Stone.

In creating this wonderful Tomato, seed from a perfect specimen of a cross of Ponderosa and Earliana was planted in the spring of 1911. One good, vigorous plant was selected as the parent, and as the blossoms appeared the first ones were entirely removed. The second set which appeared, except three, were removed, and as soon as these three began to show signs of yellow they were prepared for pollination and carefully bagged. This second set of blossoms came along at the same time as did the Stone variety. The Stone pollen was applied and then again carefully bagged. Only one Tomato was permitted to mature on this plant, which was very large and a perfect specimen. The seed from the above cross was planted in the spring of 1912, and of six plants planted, all have ripened Tomatoes like the illustration, and have not been without ripe fruit throughout the season. When cut by the frost there was still plenty of green fruit on them.

Price, originator's own stock, pkt. 15 cts., 2 pkts. 25 cts., $\frac{1}{4}$ oz. 85 cts., oz. \$3, $\frac{1}{4}$ lb. \$10.

EUGENE HOOVER, Duncannon, Pa., writes: "The Everbearing Tomato that you persuaded me to try last year has proved far beyond my expectations. You could hardly see the vines for the clusters of bright red Tomatoes. The Tomato is an excellent early variety, and I never saw anything so prolific."

A Single Cluster of Everbearing below



Enormous. Most large Tomatoes grow rough and of bad shape for slicing, but these giants are smooth, round, solid and with few seed. A standard main-crop Tomato of great size. "Everybody is buying it." Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Stokes' "Bonny Best Early." Nearly as early as Earliana; color intense scarlet and ripening even up to the stems; round and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crop. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.

ACME. Early; medium sized; smooth; solid; prolific; purplish pink. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

BEAUTY. Early; prolific; medium-sized; smooth; solid; purplish red. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

BUCKEYE STATE. Large; solid; meaty; deep purple; heavy cropper. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Chalk's Early Jewel. One of the best for main crop. Bright scarlet; very solid; fine flavor. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.

CRINE'S JUNE PINK. Extra early; fruit smooth, about 3 inches in diameter, almost round; flesh solid; finely flavored; free from acidity. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.50.

Dwarf Champion. Early; prolific; smooth; medium-sized; pinkish-purple. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

EARLY PARAGON. Bright red; standard for market and canning. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Cumberland Red. Color bright red; medium early. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$3.50.

FAVORITE. Large; solid; smooth; bright scarlet; ripens evenly. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

GOLDEN QUEEN. Large; handsome form; beautiful clear yellow color. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

LIVINGSTON'S CORELESS. Bright red; immense clusters; mild acid flavor. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

Livingston's Dwarf Stone. Resembles Livingston's Stone in color and shape. Specimen fruits weighing 1 pound are common. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Globe-shaped; early; large size; smooth; firm-fleshed; color glossy rose, tinged purple; very delicate. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

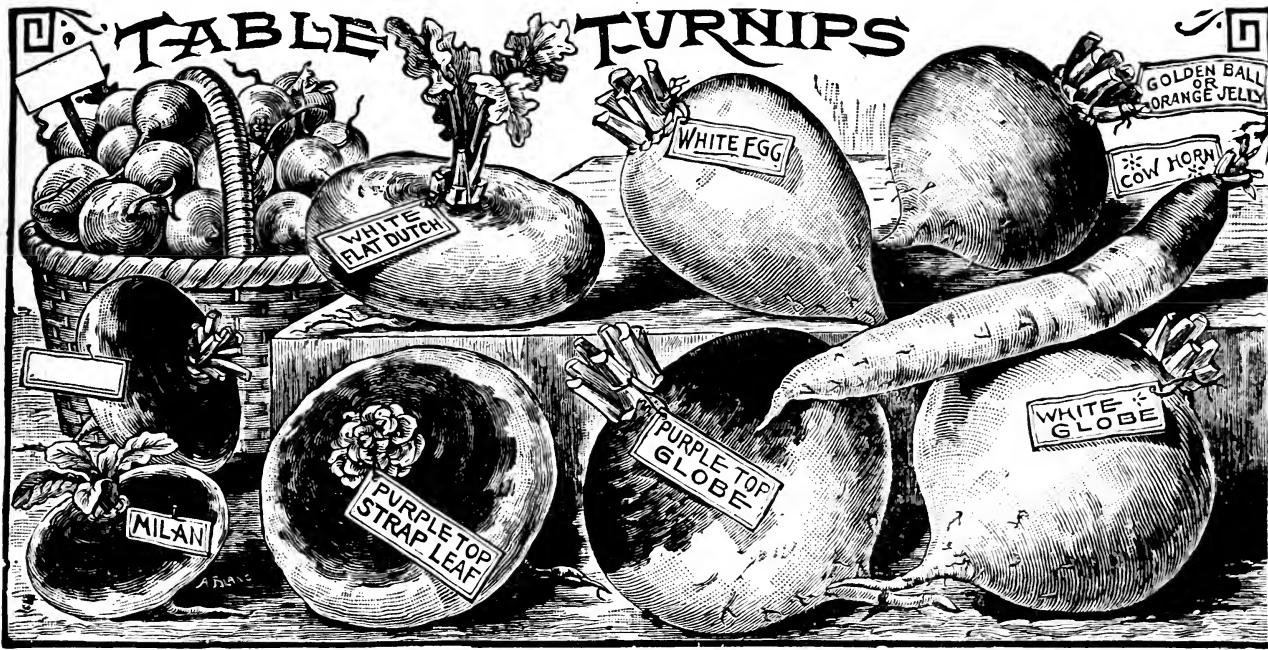


TABLE TURNIPS

One ounce for 100 feet;
2 pounds to the acre.

Weisse Rube

Ravone

Rzoper Crukiew

For feeding stock in fall and winter there is nothing superior to Turnips and Rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We can not too earnestly recommend farmers to increase their sowings largely, for we are sure the crop will prove remunerative.

This wholesome and agreeable vegetable is most easily affected in its form and flavor by soil, climate and mode of culture. There are a great many varieties, but our list comprises the best for the garden or farm.

Sow in drills about two feet apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Be careful to weed and thin out so the young plants will not be checked and injured. Any overcrowding will result in rough and poorly flavored roots. It is important to get the spring and summer crops started very early so that the Turnips may have time to grow to sufficient size before hot weather causes them to become tough and bitter.

In the Middle and Western States sow for fall and main crop from middle of July to last of August, and in the manner given for spring sowing. In the field, Turnips are often sown broadcast, though in most cases better results are obtained by drill culture.

To preserve Turnips in good order for winter, store in a cool cellar and cover with sand or turf to keep them fresh. Another method is to put them in a pit dug in dry soil where there will be no danger of water standing, and to cover with straw overlaid with earth sufficiently deep to keep out frost. Thus protected, Turnips will keep well till spring.

WHITE-FLESHED VARIETIES

COW HORN, or **LONG WHITE**. Carrot-like in form, slightly crooked. Delicate and well flavored; valuable as a market sort for fall and early winter, also for turning under. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., by mail, postpaid.

Early Purple-Top Strap-Leaved. Early; favorite for table use; medium size; flesh white. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

EARLY WHITE FLAT DUTCH. Standard early, white flat Turnip. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

EXTRA-EARLY PURPLE-TOP MILAN. All in all, these Milan Turnips leave little to be desired in the way of an extra-early garden Turnip. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., by mail, postpaid.

Purple-Top White Globe. Nearly as large as Pomeranian White Globe; white flesh; excellent, equally desirable for table or stock. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

WHITE EGG. Oval or egg-shaped; firm; mild, sweet and very tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

WHITE GLOBE. Globe-shaped; early, mild and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

YELLOW-FLESHED VARIETIES

GOLDEN BALL, or **ORANGE JELLY**. Medium size. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

PURPLE-TOP YELLOW ABERDEEN. Large, globe-shaped. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

Yellow, or Amber Globe. Yellow-fleshed; globe-shaped; large. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

RUTABAGA (RUSSIAN, OR SWEDISH TURNIP)

Two to three pounds to acre

IMPROVED AMERICAN PURPLE TOP. Old popular standard; rich flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., by mail, postpaid.

Sweet, Pot and Medicinal Herb Seeds

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, excluding the air.

		By Mail, Postpaid		
	Plst.	Oz.	$\frac{1}{4}$ lb.	Lb.
ANISE (Grüner anis). For garnishing, cordials and flavoring.	.05	10	25	.90
BALM (Citronen-Melisse). For tea and balm wine; useful in fevers.	.05	20	60	\$2.00
BASIL, SWEET (Basilikum). Used for soups, stews and sauces.	.05	20	60	2.00
CARAWAY (Feld Kümmel). Used in confectionery, cakes and medicine.	.05	10	25	.90
CORIANDER . For garnishing; seeds are aromatic, used for flavoring.	.05	10	25	.75
DILL . Aromatic seeds, used in pickles, preserves, soups, sauces.	.05	10	25	.75
FENNEL (Fenchel). Leaves used for fish sauces and garnishing; seed in confectionery and for flavoring liquors.	.05	10	25	.75
HOREHOUND . For tonic and cough.	.05	15	40	1.50
LAVENDER . (Lavendel). Popular aromatic herb; delightful perfume.	.05	35	\$1.00	3.50
MARJORAM, SWEET (Marjoram). Used for seasoning.	.05	20	60	2.00
SAGE (Salbei). Leaves used in dressings and sauces.	.05	20	60	1.60
SAVORY, SUMMER . Used for seasoning, flavoring soups and dressings.	.05	15	40	1.50
SAVORY, WINTER (Bohnenkraut). Leaves used for flavoring.	.05	25	75	2.50
THYME, BROAD-LEAVED (Thymian). Used for seasoning; also as bee food.	.05	40	1.25	4.00



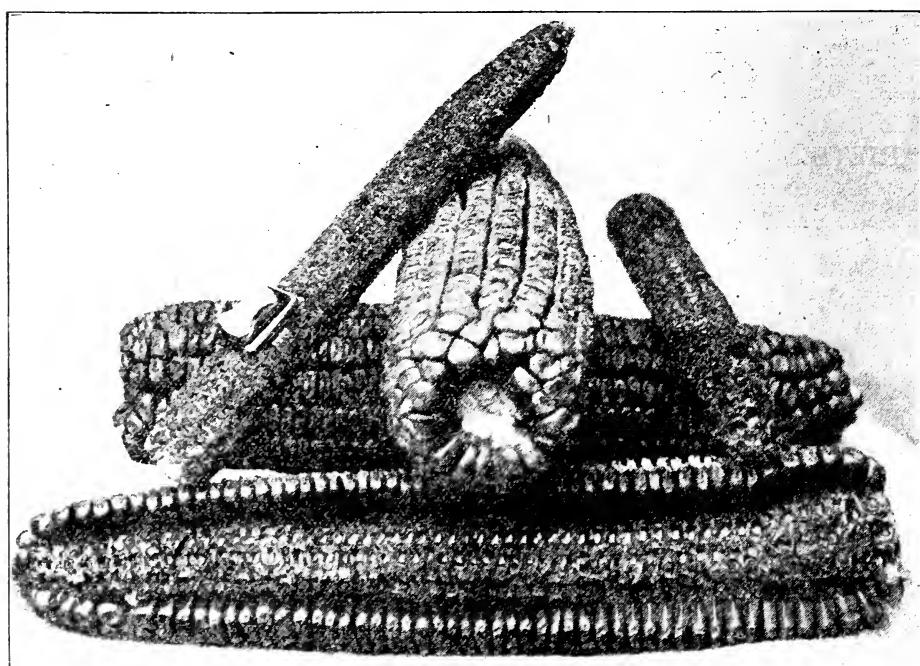
EXTRA SELECTED FARM SEEDS

Fully realizing the great importance of supplying the farmer with the highest quality of Farm Seeds, we have given this branch of our business special study, exercising the greatest care in growing and securing seed of the highest standard in purity and quality—fully matured, plump, sound, fresh and clean. The care exercised in selecting our seeds has given Holmes' Field Seeds an enviable reputation and today our house is recognized as headquarters for the most reliable field and grass seeds.

HOLMES' EARLY GOLDEN SURPRISE CORN

90-DAY FIELD CORN

THIS REMARKABLE VARIETY IS INCOMPARABLE IN SOLIDITY, UNIFORMITY, DEVELOPMENT OF THE TIP AND BUTT, EXTRA-ORDINARY YIELD AND SMALLNESS OF COB



Holmes' Early Golden Surprise

No other Corn has given such universal satisfaction as our Early Golden Surprise. Its prepotency and power of reproduction is so great that neither wet nor dry weather noticeably influences its growth and maturity. Unapproachable as a yielder, it withstands the harshest weather and when shelled this Corn produces a superior quality on account of extreme smallness of cob and depth of grain. The cobs are so small that many may be encased in an ordinary finger ring, as seen by our illustration. The grains are of a rich golden color, very deep, and profitable on account of small percent of waste of cob. The cob is so small that 35 pounds of ears produced 31½ pounds of shelled Corn. The Corn is a vigorous grower, with short, strong stocks and an abundance of deep green foliage, which makes it an excellent fodder Corn. It matures uniformly in 90 days from planting, and all points considered it is the best field Corn in cultivation. Golden Surprise is the greatest money earner yet introduced to the American farmer. There can be nothing of greater importance to him than to increase the yield and feeding value of Corn. Early Golden Surprise will give that result. Lge. Pkt., by mail, postpaid, 10 cts., lb. 30 cts., 3 lbs. 70 cts., by freight or express, not prepaid, qt. 15 cts., peck 85 cts., ½ bushel \$1.35, bushel \$2.50, 2-bushel sack \$4.75.

The past season when other varieties failed to grow, Golden Surprise gave excellent results. Our customers report that every grain grew.

Horseheads, N. Y., Mar. 22, 1913.

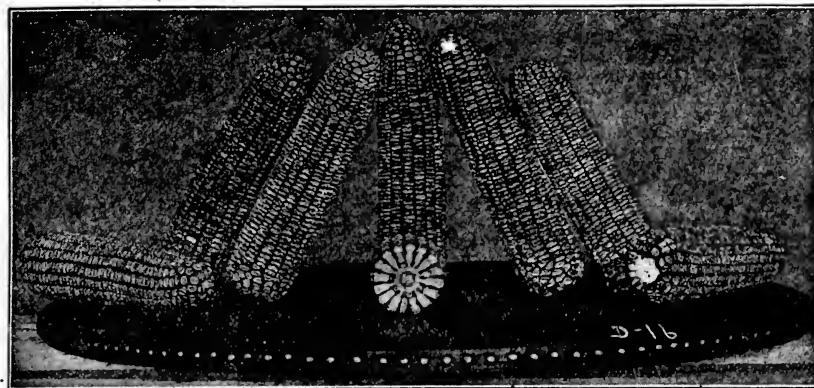
Holmes Seed Co., Harrisburg, Pa.

Dear Sirs: I have watched the most gratifying results obtained from your seeds in this section, both on my own fields and my neighbors. Your seeds are the best I have ever used and are gaining many friends in this section, as they are true to name and show the highest germination. Wishing you success, I remain,

Yours truly,
BENJ. MANNING.

MESSRS. VILMORIN ANDRIEUX OF FRANCE writes us: We have tried your new Green Emperor Celery, marked H. H. and have found it to be the thickest dwarf, green plant, with very broad, thick fleshy ribs and is certainly worthy of interest.

The above parties are the introducers of the Golden Self-Blanching Celery—they should know.



Reed's Golden Dent Seed Corn

The stalk is rather light, short and well developed. The foliage is abundant. The well-developed roots and strong, wiry stalks enable it to stand up well, even during windy seasons. When mature, the husks are loose, dropping away from the ear. Considering the size of the ear it is a surprisingly good yielder, due to the fact that a great many of the stalks bear two ears. Its rich golden color and fine quality of grain make it superior for grinding into meal. It is perfect in every respect. **Pkt. 10 cts., lb. 25 cts., by mail, postpaid; by freight or express, qt. 15 cts., peck 75 cts., bushel \$2.25.**

REED'S GOLDEN DENT

A deep, pure yellow Corn, with uniform ears 8 to 10 inches long, 7 to 8 inches in circumference, cylindrical, with well-filled butts and exceedingly well-developed tips. The kernels are rough, deep, $\frac{1}{2}$ to $\frac{3}{4}$ inch long, $\frac{1}{8}$ inch wide, broad-wedge and uniform. One of the chief characteristics of Golden Eagle is its large percentage of grain, in which respect it exceeds any other variety. The average is about 90, often above. The very small, light cob, deep kernel and perfect cylindrical shape make this high average possible. Each ear contains 16 to 18 rows of kernels and each row 50 to 60 kernels. Forty bushels of Ear Corn will shell 44 bushels of grain.

This is an early variety, maturing in about 90 days. It grows well on almost any soil. It is used extensively as a replant corn and is especially desirable for fields which for some reason have to be planted late. It stands high with feeders because of the small cob. It is easily broken and readily masticated by cattle. As it matures thoroughly, it is sweet and palatable, making the very best grain fed.



A Half Bushel of Improved Mastodon

IMPROVED MASTODON

OUR FAMOUS ENSILAGE CORN

Is a yellow Corn with white cap and red cob. The ears attain exceptional size, being from 9 $\frac{1}{2}$ to 12 inches long and from 7 $\frac{1}{2}$ to 8 $\frac{1}{2}$ inches in circumference. Some of the ears retain a slight taper from butt to tip, but the large majority are very cylindrical. The ears weigh 11 to 18 ounces, having from 16 to 22 rows. The crown is slightly roughened, with rounding corners, the rounding corners giving a smoother appearance to the Corn than it really has. The kernels set very close together and have a fine large development of the germ. This Corn carries a large percent of oil and protein. We have obtained some striking results as to yield with the Improved Mastodon. Under ordinary conditions this Corn yields over 100 bushels an acre. The stalk is large and stiff, producing a great amount of luxuriant foliage, which, when cured, affords a very superior article of fodder. It stands about 10 feet high, the ear appearing 4 feet from the ground. It has come into such favor as an ensilage Corn that there is a great demand for it by dairymen throughout the country. It matures in 120 days and is recommended for any soil. **Pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. By freight or express, qt. 15 cts., peck 75 cts., bushel 52.25.**

IMPROVED GOLDEN BEAUTY

HAS THE LARGEST GRAIN AND SMALLEST COB OF ANY CORN IN CULTIVATION

The productiveness of the Golden Beauty Corn is due to the economical shape of the ears and the fact that a large proportion of the stalks produce fine ears. It is the largest grained and handsomest golden yellow Corn we have ever seen. The ears are of perfect shape, with 10 to 14 straight rows. Cobs are unusually small; when broken in half the grains will reach across them. The richness of color and fine quality of grain make it superior for grinding into meal. We can guarantee this Corn to give good satisfaction wherever grown. **Lb. 25 cts., 3 lbs. 60 cts., postpaid; by freight or express, peck 75 cts., bushel \$2.25. Pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid.**

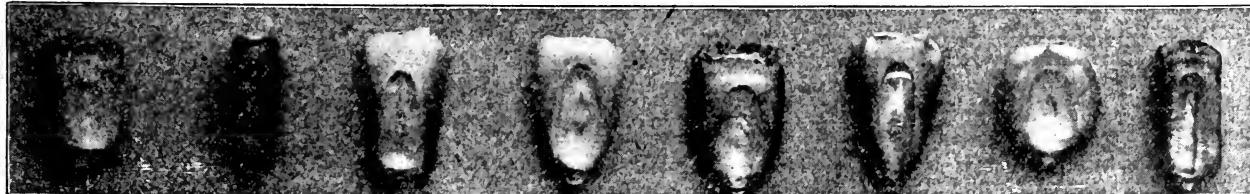
WHITE CAP DENT CORN

This combines the earliness and hardiness of the Pride of the North, with ears of very large size. The stalks are stout, growing 6 to 7 feet in height, with abundant foliage. Ears of handsome appearance, 8 to 10 inches in length, well filled, having 16 to 18 rows of deep grains. The cob is small, grains being very deep and quite wide. The outer end of the grain is white, deeply dented, while the inner portion is a clear amber-yellow. The grains are flattened and set squarely on the cob and completely fill the entire surface of the ear. Choicest stock grown by the originator at prices quoted below. **Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, peck 75 cts., bushel \$2.25.**

GOLD STANDARD LEAMING CORN

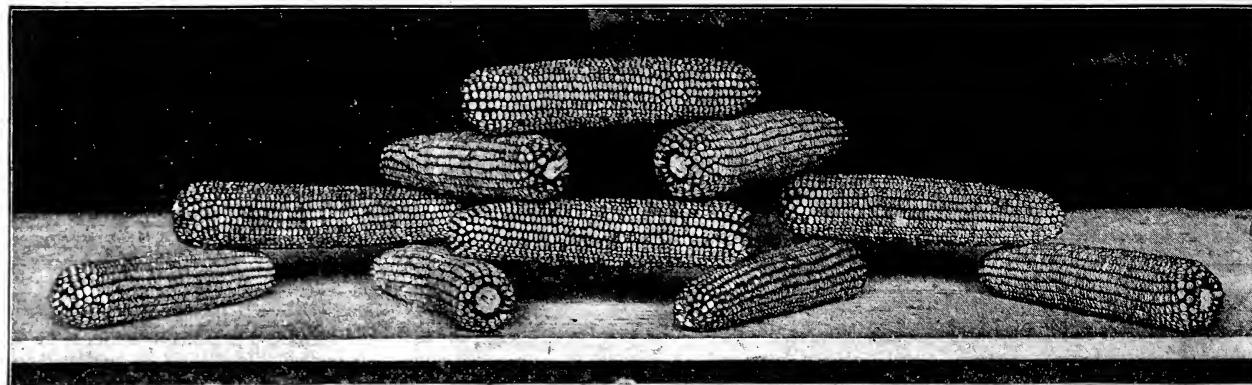
We have increased the size of ears and percentage of grain by breeding from tapering to cylindrical shape. We have also increased depth and roughness of kernel and feeding value by increase of protein and fat. The ears range from 9 to 11 inches long, 7 $\frac{1}{2}$ to 8 inches in circumference, weighing 12 to 17 ounces. The stalks range from 9 to 12 feet in height, are well developed below the ear and slender above. They are very valuable for ensilage and thrive well on all soils where many other varieties fail. It is an immense yielder, producing, under favorable conditions, 100 bushels or more to the acre.

Prices same as White Cap Dent.



1 2 3 4 5 6 7 8

Group of Kernels showing Desirable and Undesirable Shapes. Nos. 3, 4, 5, 6 are fair to best shapes, while 1, 2, 7 and 8 are to be avoided



Holmes' Emperor Dent—See Photograph of Ear on Back Cover

HOLMES' EMPEROR DENT

**DECIDELY THE LARGEST AND BEST FIELD CORN IN CULTIVATION. ABSOLUTELY DROUGHTPROOF
PENNSYLVANIA GROWN**

Holmes' Emperor Dent, grown in Dauphin County, is the most productive of any field Corn that we know of. The stalks grow uniformly, from 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 90 days, and the large, handsome ears vary from 16 to 20 rows each, measuring 10 to 12 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It has a red cob, thus denoting its healthy character. The six points of merit of this magnificent new field Corn are: (1) It being an extremely heavy cropper. (2) Maturing in 90 days. (3) Its evenness in maturing, the ears all being about the same length, and a large proportion having two fully developed ears to each stalk. (4) It can be used for a silo corn, as the fodder grows very strong, which gives it a double advantage over ordinary field Corn. (5) It is one of the best yielders that we know of, producing from 125 to 150 bushels to the acre on fair soil. (6) For seed Corn, it will sell on sight, and farmers will make more money from this Corn than any we know of.

The illustration on this page is an exact reproduction from photograph of average ears. This Corn may be ground almost as soon as husked, as it dries very rapidly. This year we offer Holmes' Emperor Dent at the following prices: Pkt. 10 cts., lb. 25 cts., by mail, postpaid; peck 85 cts., $\frac{1}{2}$ bushel \$1.50, bushel \$2.75, 2-bushel sack \$5, 10 bushels and over at \$2.35 per bushel, sacks included.

Cuban Giant Mammoth Ensilage. Has produced 70 tons of fodder to the acre and is one of the very best and most popular for ensilage. The fodder is sweet, tender, juicy; grows 13 to 14 feet in height. Peck 75 cts., bushel \$2,

Red Cob Ensilage. A new variety of extreme merit. We highly recommend it as the heaviest cropping variety, producing from 50 to 75 tons per acre. The fodder is tender, sweet and juicy and grows 12 to 14 feet high. Unexcelled for the silo. Pk. 75 cts., bushel \$2,

Sugar Corn for Green Fodder. Best for early fall green feed. Very profitable for cattle. A favorite with dairy farmers, also excellent for soiling. Peck 75 cts., bushel \$2.50.

New Keystone Mammoth Pride Corn

Absolutely droughtproof. The most productive; bears largest ears and is absolutely droughtproof. The stalks grow uniformly about 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 115 days, and the large, handsome ears vary from 10 to 18 rows each, the most of them having 16 rows of deep grains, which are of a rich golden yellow color. It has a red cob, thus denoting its healthy character; cobs are remarkably small for such mammoth ears, being only $1\frac{1}{4}$ inches thick. This grand new Corn can only be obtained from us. By express or freight, at purchaser's expense, qt. 20 cts., peck 75 cts., $\frac{1}{2}$ bushel \$1.25, bushel \$2.25.

IOWA GOLD MINE

Ears of good size and symmetrical; a bright golden yellow; grain very deep; cob small drying out quickly when ripe. From 70 pounds of ears, 60 to 62 pounds of shelled corn may be obtained. Early, and of the highest market value. Peck 75 cts., bushel \$2, bag of two bushels \$3.75.

PRIDE OF THE NORTH. Used in northern latitudes. Stalks short-jointed and leafy. Kernels are very deep, closely set on the ear. Qt. 15 cts., 4 qts. 40 cts., peck 75 cts., bushel \$2.

VIRGINIA EUREKA ENSILAGE CORN

Has a record of 70 tons and 800 pounds of Corn grown on one acre. Enough to feed seven head of cattle for one year and enough left over for 261 days, feeding at the rate of 50 pounds per day.

This Corn was originated in Virginia about 25 years ago and has been grown on the same farms there for us ever since. It is the result of careful selection for many years from the old southern prolific Corn which often has five to eight ears on a stalk. This selection was made with the view of getting a larger ear and more foliage. It has been grown entirely away from other kinds and it is a distinct variety and a great improvement over any other Southern White Dent Corn.

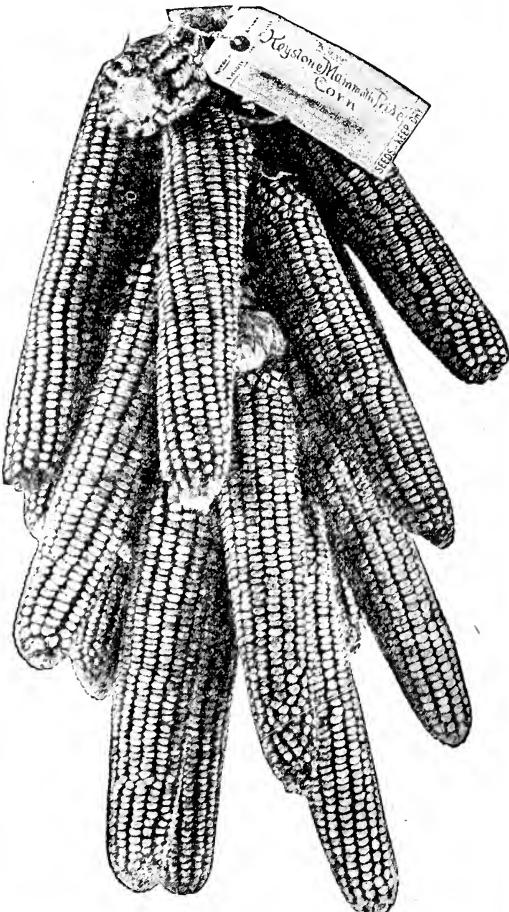
Corn has been offered by others under the name of Eureka, but it is simply the common Southern White that they are offering and at the time of cutting there will be as much difference as there is between Crosby and Stowell's Evergreen. Eureka is a Smooth White Dent Corn with short kernels, while many of the southern white varieties have the horse tooth kernels. Be sure and get the genuine.

WHEN IS THE PROPER TIME TO CUT ENSILAGE?

As Corn is simply overgrown grass and everyone knows that grass should be cut when it is in the blossom, then Corn should be cut when it is in that same condition. Don't look for the ear; simply watch the tassel. It is better to cut Corn too early than too late. Mature ears should never be put in the silo. The grain bin is a much better place. The silo was not invented as a substitute.

Eureka Corn has a record of 70 tons and 800 pounds of green corn from one acre. This record was made by weighing one square rod taken from an acre which was first divided into four equal parts, and the weighing was done by three reliable disinterested parties. We have several estimates of even more than this and we believe that this record can be broken. Price, $\frac{1}{2}$ peck 40 cts., peck 75 cts., $\frac{1}{2}$ bushel \$1.25, bushel \$2.50, 2-bushel bag \$4.75, 10 bushels and over \$2.35 per bushel.

NOTE—Our stock is the genuine, being grown by one of the best growers in Virginia.





For many years we have made the growing of Seed Oats a specialty, importing our seed stock for our own use, from which we grew much of our seed, but in the progress of time we find many progressive farmers who want the best the world can produce, and as good as any seedsman or seedhouse in America uses for growing their own stock.

Seed Oats

**There is Big Money
in Oats**

**IF YOU GROW THE RIGHT
KIND**

The New Alberta Oats

In almost every line of agriculture today improvements have been made—better stock, better corn, better cotton, better alfalfa, better fruits and vegetables of all kinds, all of which has been done by breeding. But it seems that oats, one of the most important crops and easiest to grow, has been left out until the last two or three years.

Of all the crops that grow on the great American continent nothing is so easily grown and as reasonably sure as a good crop of oats, if the right kind of methods are pursued. You can't raise good oats from poor, inbred seed any more than you can raise good cattle or pigs or good corn, unless you select the best. It is an absolute impossibility.

THE NEW ALBERTA

The cut bordering this page is a fine illustration of the head of the New Alberta Oats, except these were photographed below the average size and only shows the head $\frac{1}{2}$ natural size.

These new Oats were introduced into the Alberta country only four years ago by emigrants who took their seed from Iowa, and were known at that time as the **Regenerated Swedish Select Oats**, but owing to the great success and results made and given they soon thereafter took the name of **New Alberta**, often yielding 125 to 140 bushels per acre and weighing out from 45 to as high as 52 pounds per measured bushel. Since their first introduction into Alberta they have been continually grown on new, clean virgin land, free from weeds, located in the **greatest Oats producing country in the world**, which produces these vigorous hardy Oats—Seed Oats that is full of life and vigor that will easily make you a yield of **three times as much** as common ordinary varieties.

The New Alberta is of strong, stiff straw; stands up well on rich ground, as near rustproof as any Oats in existence; ripens medium early, two or three weeks ahead of late varieties, and is the all-round best variety and quality of Oats to be found anywhere.

Price, at purchaser's expense, by express or freight, peck 60 cts., $\frac{1}{2}$ bushel \$1.10, 1 bushel \$2, 2 to 4 bushels \$1.85, 10 bushels and over \$1.75.

NOTE—Our seed of the New Alberta was brought here from the Northwest, and this year we grew same in Pennsylvania and Mr. Smith who grew these Oats says he would have had at least 125 bushels to the acre had he not lost so many on the ground on account of the wet season. Our Oats are a little discolored, but this does not hurt them for seed purposes, and we can vouch that these Oats are acclimated.

Long's Improved White Tartar

Direct from the new importation. Outyields nearly all others and is the very best for all-round purposes. Earliest variety grown, with long straw, usually averaging 4 to 5 feet, and rustproof. Succeeds well on all soils. Golden-yellow color. Grains white with golden cast. Withstands stormy weather without lodging or falling off of grains. A measured bushel weighs 42 pounds. Lb. 25 cts., 3 lbs. 65 cts., postpaid. By freight or express, peck 50 cts., bushel of 32 lbs. \$1.50, 2 bushels \$2.50, 10 bushels \$1.20 per bushel, 20 bushels and over \$1.10 per bushel. Bags holding $2\frac{1}{2}$ bushels 25 cts. each, extra.

Long's Storm King

Mr. Isaac Long, a successful, scientific and widely known farmer, imported this remarkable Oats from Tartary. We have named it Long's Storm King because it stood up completely and perfectly during very heavy storms the month preceding oats harvest. It was then 4 to 6 feet tall. It yielded over 100 bushels to the acre, and weighed 45 pounds to the measured bushel—clean and bright, no smut. There were 100 to 250 grains to each head. Greatest drought-resister known, and Mr. Long's crop shows it is the greatest yielder ever brought here. The illustration shows Mr. Long holding a small sheaf. Note the wonderful length of the straw and heaviness of head. Lb. 35 cts., 3 lbs. 75 cts., postpaid.



Long's Storm King Oats

By express or freight, peck 60 cts., bushel of 32 lbs. \$1.75 2-bushel sack \$3.25 10 to 20 bushels \$1.50 per bushel, 21 to 50 bushels \$1.40 per bushel. Bags holding $2\frac{1}{2}$ bushels 25 cts. each, extra.

Remember, we have the originator's stock and offer this from the original importation.

MRS. J. M. IRVINE, Loysville, Pa., writes: "We have been selecting seed from your seed book for several years and always were well pleased with the seed bought of you and found them the cheapest in the end, because they always grow and prove to be just as you represent them."

BENJ. G. WENGER, Murrell, Pa., writes: "Enclosed find our order for seeds. We have ordered seeds from you for several years and have always found them very satisfactory."

Holmes' Superior Recleaned Clover Seeds



Alfalfa, or Lucerne

Note. The prices of some varieties of Clover, Grass and Field Seeds may change as the season advances. Prices now given are those prevailing when this catalog was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities.

Alfalfa (*Medicago sativa*), also known as Lucerne and Chili Clover. One of the most valuable forage or pasture grasses, being very nutritious, both as a green feed and as hay. It requires moist land or frequent irrigation and often bears from five to six crops of hay a year. It does well in almost any climate and improves any soil that is sown with it. A good stand of it will choke out and practically kill wild morning-glory. Prepare the land by deep plowing and thorough harrowing, and sow 17 to 25 pounds per acre broadcast and harrow it. Alfalfa seed is graded by the amount of dead matter and the percentage of weed seeds it contains. The very worst weed is dodder, which infests seed grown on low lands. Dodder is a yellow parasitic plant with abundant stems but no leaves; the roots live on the alfalfa plant and quickly kill it. A little thought will show that Alfalfa which contains no dodder is worth several cents a pound more than Alfalfa which contains this weed. Our Alfalfa is grown out of the state on high land, and is dodder-free. Lb. 30 cts., 3 lbs. 75 cts., postpaid. Price per bushel on application.

RED MEDIUM CLOVER. This is the common Red Clover so largely grown throughout the country. Lb. 30 cts., 3 lbs. 75 cts., postpaid. Price per bushel on application.

MAMMOTH, or PEA-VINE CLOVER. This grows much taller, with larger, leafier stalk, and large, slightly-pointed leaflets. Lb. 30 cts., 3 lbs. 75 cts., postpaid. Price per bushel on application.

WHITE DUTCH CLOVER. The best variety for lawns; valuable in permanent pastures. Lb. 45 cts., postpaid. Price per bushel on application.

Alsike, or HYBRID CLOVER. The hardest of all, sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains; grows on clover-sick land and yields a heavy bulk of herbage where no other Clover succeeds. Its superior pasturage is much liked by cattle. Blossom-heads round; flesh-colored; sweet and fragrant; much liked by bees. Sow 10 to 20 pounds per acre in spring or fall. Lb. 35 cts., postpaid. For larger quantities write for prices.

Crimson, or SCARLET CLOVER. An annual variety providing large crops of green forage, or, if cut while in bloom, will make excellent hay. As a green manuring crop for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil, standing southern suns and northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every state where tried. Sow 15 pounds to the acre from July to September. Lb. 25 cts., 3 lbs. 60 cts., postpaid. For larger quantities write for prices.

Holmes' Superior Recleaned Grass Seed

All prices on Grasses subject to change. Write for special quotations

By Freight or Express

Lb. 100 lbs.

AWNLESS BROME GRASS (<i>Bromus inermis</i>). Will stand long droughts and produce heavy crops in dry sections. Especially desired for permanent pasturage. (14 lbs. per bu.).....	Es- Bu.
CANADA BLUE GRASS (<i>Poa compressa</i>). Useful for sowing on hard clay and poor soils. (14 lbs. per bu.).....	
CREEPING BENT GRASS (<i>Agrostis stolonifera</i>). Excellent for lawns; thrives on moist lands. (Bu. 20 lbs.).....	
CRESTED DOG'S TAIL (<i>Cynosurus cristatus</i>). An excellent grass for hard, dry soils; valuable for pastures and lawns. (21 lbs. per bu.).....	
ENGLISH RYE GRASS (<i>Lolium perenne</i>). Nutritious, vigorous; for meadow and pasture. (Bu. 24 lbs.).....	
HARD FESCUE (<i>Festuca duriuscula</i>). One of the most desirable dwarf grasses, excellent for dry soils and shady places. (12 lbs. per bu.).....	
ITALIAN RYE GRASS (<i>Lolium italicum</i>). A valuable European variety, adapted to any climate and produces large and nutritive crops. (18 lbs. per bu.).....	
KENTUCKY BLUE GRASS (<i>Poa pratensis</i>). Well known and extensively grown in all parts of the country; used for lawns. (14 lbs. per bu.).....	
MEADOW FESCUE (<i>Festuca pratensis</i>). Fine permanent pasture; heavy and nutritious. (Bu. 22 lbs.).....	
MEADOW FOXTAIL (<i>Alopecurus pratensis</i>). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock. (7 lbs. per bu.).....	
ORCHARD GRASS (<i>Dactylis glomerata</i>). A valuable pasture grass, adapted for growing in shady, moist places under trees, etc. (14 lbs. per bu.).....	
PERENNIAL RYE (<i>Lolium perenne</i>). Nutritious; for meadow or permanent pasture. (Bu. 20 lbs.).....	
RED, or CREEPING FESCUE (<i>Festuca rubra</i>). Valuable for lawns. (14 lbs. per bu.).....	
RED TOP GRASS (<i>Agrostis vulgaris</i>). Valuable for either pastures or lawns. (14 lbs. per bu.).....	
RHODE ISLAND BENT GRASS (<i>Agrostis canina</i>). Valuable for either pastures or lawns. (14 lbs. per bu.).....	
ROUGH-STALK MEADOW GRASS (<i>Poa trivialis</i>). Excellent for pastures and meadows, particularly on damp soils. As a lawn grass it forms a fine turf and does well in shaded locations. Sow 20 lbs. per acre.....	
SHEEP'S FESCUE (<i>Festuca ovina</i>). Excellent for sheep pasture; 6 to 10 inches high. (Bu. 12 lbs.).....	
SWEET VERNAL, TRUE PERENNIAL (<i>Anthoxanthum odoratum</i>). It should be sown in connection with other grasses for pastures or lawns. (10 lbs. per bu.).....	
TALL MEADOW OATS GRASS (<i>Avena elatior</i>). This is a valuable variety for pastures. (10 lbs. per bu.).....	
TALL FESCUE (<i>Festuca elatior</i>). Early, nutritive and productive in permanent pastures on wet or clay soils. On moist lands yields a large amount of good hay. Height 3 to 4 feet. Not suitable for lawns. Sow 40 lbs. per acre. (14 lbs. per bu.).....	
TIMOTHY (<i>Phleum pratense</i>). A variety producing a profitable hay crop in almost any soil. One-half bushel per acre. Our seed is free from weed seeds and of high germinating power. (45 lbs. per bu.).....	
VARIOUS-LEAVED FESCUE (<i>Festuca heterophylla</i>). A perennial grass suitable for cold, moist soils in which it will yield heavily. Valuable in permanent meadows, either for mowing or grazing. Height 2 to 3 feet. As a lawn grass it is valuable, especially for shaded places. Sow 40 lbs. per acre. (Bu. 12 lbs.).....	
WOOD MEADOW GRASS (<i>Poa nemoralis</i>). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bu.).....	



Timothy

Mrs. D. S. KREPS, Canalon, Mo., writes: "I have planted your seeds for about 12 years and have had good results all the time. I am well pleased with your promptness in filling orders."

Prices on Application

MANURIAL CROPS

PRICES OF SEEDS ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE

Modern agricultural practice proves that it is far more economical and desirable to grow the nitrogen fertilizers for soil than to attempt to produce this in the form of manure, especially on large farms or where much live stock is not kept. The chief thing the soil needs is organic matter, and if the farmer can not afford to give enough of this in the form of manure, he can afford to grow and turn down certain good cover-crops for fertilizing. The clovers of various kinds, such as the Mammoth Clover, Red Clover, Alfalfa, Alsike and the Sweet Clovers are beneficial as soil renewers, and in addition to these there are Cowpeas, Soy Beans and in fact, Peas and Beans of all kinds, Sand and Spring Vetches, Sainfoin, Kidney Vetch, Yellow Lupine and other Legumes which have the power of catching nitrogen from the atmosphere and transforming it into available form for plant-growth.

Where soil is even too thin or poor in quality to grow Red Clover, Sand Vetch or Alsike can be started, and after growing these crops the Red Clover can then be grown with success. If these cover-crops are grown and turned under, the farmer then can add lime, phosphoric acid in the form of acid phosphate, and potash in the form of Kainit or wood ashes, and will find the soil then to contain fairly well-balanced rations for plant-food and be rich and productive in a few seasons.

COWPEAS

Can be grown in all parts of the country where Dent Corn succeeds. It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green manure crop at any time during the summer and in almost every crop rotation. Can be grown on greater variety of soils than any other legume. **LARGE BLACK EYE.** Extremely early variety, matures peas in six to eight weeks.

BLACK. Quicker to mature than other varieties and better adapted for late planting or for growing north of Virginia.

CLAY. Tall, erect, large dark green leaves; stems of vigorous growth; pod large and yellow; seeds kidney-shaped, medium size, cream-colored; medium to late in ripening.

NEW ERA. A very regular variety; erect and not inclined to run; matures in 60 or 75 days.

WHIPPOORWILL. Usually an erect grower and rarely climbs; pods gray, long and full; seeds large, nearly spherical, mottled red and white; matures early. One of the best for late planting and growing.

Prices for small quantities, pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid. On larger quantities, by freight or express, write for prices. Prices range from about \$2.25 to \$3.50 per bushel, according to the season.

Barley, BEARLESS. This variety is free from beard. Lb. 20 cts., postpaid. By freight or express, peck 50 cts., bushel of 60 lbs. \$1.75.

TRIUMPH. A distinct-bearded 6-rowed variety. Free from smut; straw stiff and erect. No Barley can approach it in yield. Lb. 30 cts., postpaid. By freight or express, peck 75 cts., bushel of 60 lbs. \$2.25.

Rye, WHITE WINTER. It is much hardier than wheat and can be grown on a greater variety of soils. It is not only grown for grain, but for straw and soiling purposes. Plowed under when about 6 inches high, it is in condition to add great fertility to the soil. Rye can be cultivated longer on the same land than any other crop. Can be sown at the last working of corn. Sow at the rate of $\frac{1}{2}$ bushel to the acre. Peck 75 cts., bushel \$1.75.

SPRING. True stock. Spring Rye is an excellent catch-crop where winter grain has been killed out, or where a fall crop has not been planted. Peck 75 cts., bushel \$1.50.

Buckwheat, JAPANESE. Is much superior to the common Buckwheat. The yield is far greater and it makes a superior flour. It is used as a poultry-food. Sow 1 bushel (48 lbs.) to the acre broadcast. Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, peck 50 cts., bushel \$1.75.

SILVER HULL. The grains are of a silvery gray color, making a white flour. Prices same as Japanese.

Broom Corn, IMPROVED EVERGREEN. Best variety for general cultivation, on account of color and quality of brush; ripens very early; grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. Lb. 25 cts., postpaid. By freight or express, qt. 20 cts., peck 75 cts., bushel \$2.50.

Spring Emmer. (Incorrectly called Speltz.) A grain especially suited for dry lands. Being semihardy, it can be sown very early in the spring like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought and rustresister than either oats or barley, and it also yields considerably better. The feeding value is high. Lb. 15 cts., 3 lbs. 40 cts., postpaid. Bushel (40 lbs.) \$1.75, 5 bushels at \$1.60 per bushel.

Milo Maize. A variety of sorghum, nonsaccharine, growing 8 to 10 feet high. Useful for the large amount of green feed or cured fodder it produces and for its grain. It stands dry weather and makes its crops when corn would wholly fail. Plant in 3-foot rows and cultivate as corn; 3 to 5 lbs. to the acre. Lb. 20 cts., postpaid. By freight or express, 10 lbs. 50 cts., 50 lbs. \$1.75, 100 lbs. \$3.25.

Sorghum, or Sugar Cane. Sorghum is a sweet fodder of most luxuriant growth. There is no better feed for horses—very nourishing, fattening and keeps the bowels open, and can be safely fed at any stage of growth. Fed to cows, proves a great milk producer and is a wonderful food to fatten hogs. Will produce as high as 20 tons per acre, and two or three cuttings in a single season.

EARLY AMBER. Grows from 11 to 12 feet in height and can be planted by the first of May. The seed ripens almost invariably, affording an excellent food for stock and poultry. Lb. 20 cts., 3 lbs. 55 cts., postpaid. By express, qt. 20 cts., peck \$1, bushel \$2.50.

EARLY GEM. This is a strong grower and will outyield any other Sorghum; is highly recommended as a feed for horses and cows. Peck \$1.25, bushel \$3.

Kaffir Corn. One of the best forage-plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth springing at once from the roots, will still mature a full crop of grain and a second full crop of forage by October 15. For grain sow in rows 3 feet apart, 5 lbs. to the acre. For fodder, sow 3 pecks broadcast. Pkt. 5 cts., lb. 15 cts., 3 lbs. 40 cts., postpaid. By freight or express, 10 lbs. 45 cts., 50 lbs. \$1.50, 100 lbs. \$2.75, bags included.

Sunflower, MAMMOTH RUSSIAN. Makes large heads; valuable for poultry. Qt. 30 cts., postpaid. By freight or express, lb. 15 cts., 100 lbs. \$12.

Field Peas, CANADA. "Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at the cost of millions of dollars."—Year Book of the U. S. Department of Agriculture. Peas are second only to clover in their soil-enriching properties and can be grown under almost any condition. The vines make rich, nutritious hay, or can be grown to turn under. Peck 75 cts., bushel (60 lbs.) \$2.75, at \$2.25 per bushel.

LARGE MARROWFAT. Growth immense. The best of the Field Peas for hay. Peck \$1.50, bushel (60 lbs.) \$5.

New Velvet Bean. A very heavy-yielding legume belonging to the Soja and Cowpea class. The most rampant growing of all these sorts. Popular in the South—and of value in the North for a cover crop. Pkt. 10 cts., lb. 30 cts., postpaid. By freight or express, $\frac{1}{2}$ peck 75 cts., peck \$1.50, bushel \$4.50, bags included.

Giant Spurry. An annual plant extensively cultivated in Europe as a winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 lbs. to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid. By express, 5 lbs. 85 cts., 10 lbs. \$1.50.

Teosinte. A valuable continuous-cutting forage plant for the Southern and Southwestern States, furnishing a most nutritious food, green or dry, for horses and cattle. Sow in May or June in drills 3 $\frac{1}{2}$ to 4 feet, 2 to 3 lbs. to the acre. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, postpaid.

Soja Beans. The Soja Bean is often used to take the place of clover where the soil is not fertile, both for hay and for fertilizing purposes. It is a sure cropper. Ordinary yield of beans 25 to 40 bushels per acre. One of the richest of natural food stocks. Sow 1 bushel to the acre, either broadcast or drilled.

MAMMOTH YELLOW. Peck 75 cts., bushel (60 lbs.) \$2.75.

Dwarf Essex Rape. This plant is extensively grown for sheep forage, and for green manure. Farmers who desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this. Three pounds of seed to the acre in rows, or broadcast at the rate of 6 pounds to the acre. Our stock is the true Essex Dwarf. Lb. 10 cts., bushel (60 lbs.) \$5, 100 lbs. and over at 9 cts. per lb.

Vetch, Spring, or TARES (*Vicia sativa*). Used for the same purpose as the Sand Vetch, but will not thrive on poor soil or withstand extremes of weather as successfully. Sow with oats, using a bushel of each to the acre. Lge. pkt. 5 cts., lb. 20 cts., postpaid. By freight, lb. 10 cts., 10-lb. lots at 8 cts. per lb., bushel (60 lbs.) \$3, 100 lbs. \$5. Bags free. Special prices on large lots.

SAND, HAIRY, or WINTER (*Vicia villosa*). The winter cover-crop. A large yielding and nutritious forage-crop; splendid for grazing and soil improving. It is very hardy, is valuable as a winter cover-crop to prevent leaching. It is an annual but resows itself and will come up year after year on the same ground. Valuable where clover does not thrive. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of \$16 to \$40 an acre. One to one and one-half bushels of seed required to the acre. Lb. 20 cts., postpaid. By freight, lb. 25 cts., 10 lbs. at 22 cts. per lb., 100 lbs. at 21 cts. per lb. Bags free.

MILLETS

GERMAN, or GOLDEN MILLET. Matures two weeks later than the common Millet. The seed we offer will produce more than double the quantity of fodder usually got on the same ground. Four to five feet high. Sow 1 bushel to the acre. Lb. 20 cts., 3 lbs. 50 cts., postpaid. By freight or express, bushel (48 lbs.) \$2.25. Price subject to change.

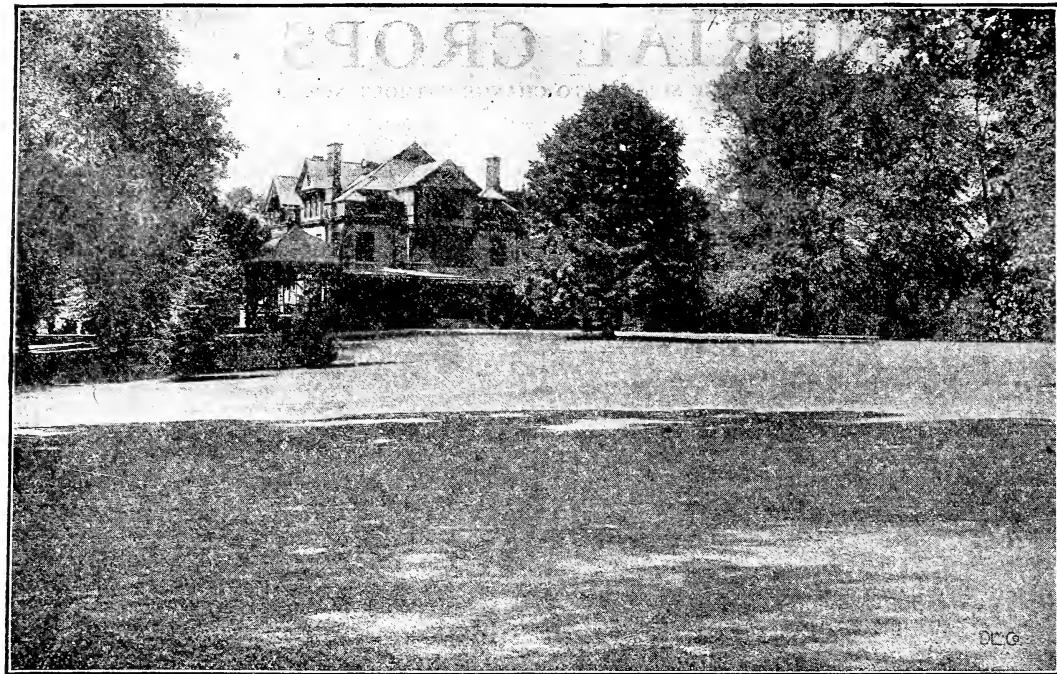
PEARL MILLET, or PENICILLARIA. An immense fodder yielder, attaining a height of 8 to 10 feet. Can be cut several times during a season. Sow 10 pounds to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid. By freight or express, 10 lbs. \$1, bushel (50 lbs.) about \$4.50.

SIBERIAN. Rapidly becoming the most popular of all Millets. Very productive; grows 4 to 5 feet. Withstands drought wonderfully. Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, 10 lbs. 75 cts., bushel (50 lbs.) \$2.

COMMON MILLET. Best quality for feeding. Bushel (48 lbs.) \$1.75.

JAPANESE MILLET. Particularly valuable in the Northern States as a quick-growing forage and ensilage crop. Six to eight feet, yields 10 to 18 tons of green fodder to the acre. Two parts of the Millet with one part Soja Beans form a completely balanced ration that may be fed without grain. Sow 10 to 12 pounds to the acre. Lb. 15 cts., 10 lbs. \$1, bushel (30 lbs.) \$2, 2 bushels \$3.75.

HUNGARIAN. A very valuable forage-plant of the Millet family, but not so coarse. Sown and cultivated same as Millet, and quite a favorite with stockmen. Lb. 20 cts., postpaid. By freight or express, 10 lbs. 50 cts., bushel (48 lbs.) about \$2.



This Lawn was sown with Holmes' Capitol Park Lawn Grass Seed

Preparing and Manuring the Ground. In making a new lawn, all grading, tree planting and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 or 12 inches, after which some good fertilizer—pure ground bone or pulverized sheep manure is especially recommended—should be applied at the rate of 600 to 800 pounds per acre. The ground should be fine and perfectly smooth and even.

Sowing the Seed, Rolling and Weeding. The best time for sowing grass seed is in spring, from February to May, or if in fall, from September to November, using on small plots at the rate of one quart of seed to each 15 square feet, and for large lawns, golf-links, tennis, cricket and croquet-grounds, use at the rate of 80 pounds of seed per acre, and for putting-greens 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled; or, on small places, beaten with the back of a spade to "firm" the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

Renovating Old Lawns. This should be done either in the spring or early fall, by raking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

Cutting, Weeding and Watering. When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent watering and feeding to keep up their vigor. We recommend Holmes' Lawn Dressing as the best fertilizer for nourishing lawns.

Top-Dressing in Fall. A coating of wood-ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall; it prevents much of the young growth from freezing out at the roots.

THE AMERICAN LAWN BEAUTIFUL. A booklet brimful of valuable information free for the asking.

Holmes' Capitol Park Lawn Grass Seed

BOTH FOR FORMING NEW LAWNS AND RENEWING OLD LAWNS. THE KIND THAT GIVES LASTING RESULTS. FOUR WEEKS FROM SOWING YOU CAN USE YOUR MOWER

A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. Its use will insure a beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, recleaned domestic and foreign grasses, best adapted for a perfect and enduring lawn. No more sodding once Capitol Park Lawn Seed is used; for, if directions are followed, you are sure of good results. Lawn seed can be sown at almost any time, from early spring to late in the fall. Qt. 25 cts., 2 qts. 45 cts. (add 5 cts. per quart extra if sent by mail). Seed in bulk, by freight or express, peck \$1.25, bushel of 20 lbs. \$4.

HARRY W. MILLER, Harrisburg, Pa., writes: "It affords me a great deal of pleasure to express the satisfaction I have experienced in the sowing, on new and heavily weeded ground, of your Capitol Park Lawn Grass Seed Mixture. The grass was above the surface of the ground four days after it had been sowed, and today there is a thick, velvety verdure which is the admiration of the neighborhood. I have never seen its equal anywhere. This goes to prove that seed, if properly sown according to your booklet, The American Lawn Beautiful, which you advised me to read, will give results; and the beauty of it all is no weeds have made their appearance."

HOLMES' TERRACE MIXTURES

A mixture of grasses best adapted for sloping ground and terraces. Has deep, spreading roots that hold embankments and cover terraces with a beautiful green turf. By freight or express, qt. 30 cts., peck \$1.50, bushel of 20 lbs. \$5.

Holmes' Shady Nook Lawn Mixture

The beauty of many lawns today is marred by the unsightly bare spots under trees and shrubbery and close to walls, due to all-day shade. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy recleaned and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. Qt. 35 cts., postpaid. By freight or express, qt. 30 cts., 4 qts. \$1, peck \$1.60, bushel of 20 lbs. \$5.50.

V. GRANT FORRER, Supt. Harrisburg Park Commission, writes: "I desire to say that the grass seed which you furnished of your Shady Nook Mixture for the shady places on Front Street under the trees speaks for itself. The results obtained were more than satisfactory, and I can unhesitatingly recommend your seed, not only the Shady Nook, but also the grass seed you furnished for golf-course and lawns, as being thoroughly reliable."

The above photograph taken on Front Street speaks for itself. The seed was sown early in spring, and on the date the photograph was taken, May 28, there was a beautiful sod.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Choice Lawn Grass Seed Mixtures

A Few Words Here. The seedsman is always censured if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by the thousands by birds and by the manure you put on the soil. Even if you plant nothing, weeds will come. We know of soil which was excavated at a depth of 70 feet and inside one month was covered with a magnificent growth of numerous weeds.

MAKING AND CARING FOR THE LAWN



Holmes' Shady Nook Mixture

Holmes' Golf-Links Mixture

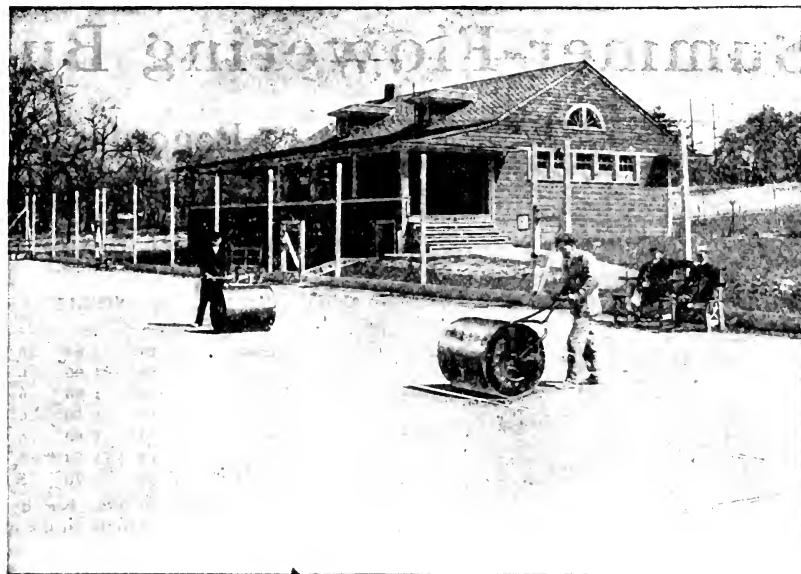
FOR FAIR-GREENS AND PUTTING GREENS

For some years past we have made up a special mixture of Grasses adapted specially for golf courses. This mixture is composed of Grasses that produce in a very short time a permanent, low-growing, tough green sward of beautiful appearance. By the use of our famous mixtures for fair greens and putting greens, a permanent turf can be produced in a very short time. Holmes Fair Greens Mixture. Qt. 20 cts., 2 qts. 35 cts., 4 qts. 50 cts., peck 85 cts., bushel of 15 lbs. \$3.25, 5 bushels \$15, 10 bushels \$27.50, 25 bushels \$65.

Holmes' Putting Green Mixture. Qt. 30 cts., 4 qts. 90 cts., peck \$1.50, bushel of 20 lbs. \$6, 5 bushels \$28.75, 10 bushels \$55.

The Fair Green Mixture you supplied to the Colonial Country Club for use on the golf course has answered the purpose exactly. This seed was sown from April 27 to 30. On all parts of the grounds where soil conditions, etc., were good it came up beautifully and in six weeks' time has made a fine sod. On hard, shaly knolls, extreme slopes and ground subject to heavy washes, of course no sod could be expected for years, but even on those spots we have got a foundation that will hold next seeding. With light seeding fall or spring we shall have a fine sod next spring.

As regards the lawn in front of clubhouse, seeded October, 1911, it shows up beautifully and certainly speaks well for Holmes' Capitol Park Mixture—
STEWART McEWAN, Professional Greenkeeper.



Holmes' "Tough Sod" Grass Mixture

FOR TENNIS-COURTS, CROQUET-GROUNDS, BOWLING-GREENS, BALL-PARKS, ETC.

It quickly forms an indestructible turf, smooth, firm, elastic, standing wear and tear of outdoor games. Under congenial conditions it will be ready for mowing four weeks from sowing, and in six weeks ready for playing.

Holmes' "Tough Sod" Grass Seed is a blend of Grasses especially suited for the making of Grass tennis courts, croquet grounds, bowling greens, etc. The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand to wear and tear. These requirements are met in Holmes' "Tough Sod" Mixture, which is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting Grasses that spread and intermingle, the seeds of which are blended in the proper proportions to form and maintain a tough, matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or 5 bushels per acre; half that quantity will do for renovating. **Price, delivered free in the United States, qt. 30 cts., 4 qts. 75 cts., peck \$1.35, bushel of 20 lbs. \$5.**



Holmes' Special Grass Mixture

FOR PERMANENT PASTURE AND HAY

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasturage. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in soils where the latter fails. Not only does it produce an abundance of hay, but will give an excellent pasturage after it has been cut. In many cases it will produce two crops a season, whereas from timothy alone you can cut but one. If your fields are old and worn out it will pay you to plow up and seed again, when you will soon be cutting heavy crops from **Holmes' Permanent Pasture Mixture**. Sow 3 to 4 bushels to the acre, or half this amount in established pasture. In ordering, state whether for light or heavy soil. Should you desire a special mixture for renewing old pasture, etc., write us and we will give information. Lb. 25 cts., by mail 35 cts.; bushel of 15 lbs. \$3, 5 bushels \$13.75, 10 bushels \$26, 25 bushels \$62.50, 50 bushels \$120.

Summer-Flowering Bulbs and Roots

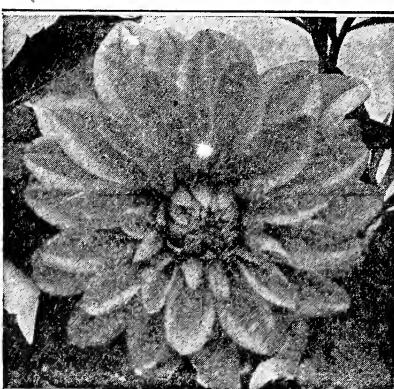


Caladium Esculentum (Elephant's Ear)

Holmes' Selected Cannas

Name of Canna	Color of Flower	Color of Foliage	Height
Austria.....	Canary yellow.....	Green	4 feet
Allemania.....	Scarlet and yellow.....	Green	4 feet
America.....	Golden orange.....	Bronze	4 feet
Cherokee.....	Dark crimson.....	Green	5 feet
Mille Berat.....	Rose carmine.....	Green	4 feet
David Harum.....	Vermilion scarlet.....	Bronze	3 feet
Black Prince.....	Velvety maroon.....	Green	5½ feet
Tarrytown.....	Light crimson.....	Green	4 feet
Mephisto.....	Real dark crimson.....	Green	5 feet
Egandale.....	Currant red.....	Bronze	4 feet
Shenandoah.....	Old rose salmon.....	Bronze	5 feet
General Merkell.....	Scarlet, with orange base and edge.....	Green	4 feet
Musafolia.....	This canna is used for foliage only.....	Green	4 feet
Indiana.....	Golden orange.....	Green	5 feet
Kanzleiter.....	Light amber yellow.....	Green	5 feet
Richard Wallace.....	Pleasing canary yellow.....	Green	5 feet
Wyoming.....	Orange.....	Purple	4 feet
Italia.....	Red bordered yellow.....	Green	6 feet
Prince Wied.....	Rich deep crimson.....	Green	5 feet
Louisiana.....	Vivid scarlet.....	Green	7 feet
Pennsylvania.....	Deep orange scarlet.....	Green	6 feet
Gladiator.....	Bright yellow spotted crimson	Green	6 feet
Gladioflora.....	Crimson changing to carmine rose.....	Green	5 feet
King Humbert.....	Orange-scarlet-red markings	Bronze	4 feet

Price of any of the above varieties in strong roots, 10 cts. each, \$1 per doz., by mail postpaid; \$6.00 per 100, by express. Mixed Dwarf French, 5 cts. each, 50 cts. per doz., \$3.50 per 100; Tall Shorts Mixed, 5 cts. each, 50 cts. per doz., \$3.50 per 100. After May 1 we supply plants at 15 cts. each, \$1.50 per doz., \$10 per 100.



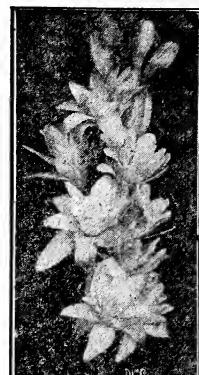
Nymphaea Dahlia

Begonias, Tuberous-Rooted

There is hardly a single garden in which there are not semi- or entirely shaded spots where the average flower will not grow. Such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterruptedly from June till frost.

	SINGLE			DOUBLE		
	Each	Doz.	100	Each	Doz.	100
Crimson.....	10	\$1 00	\$6 00	15	\$1 50	\$10 00
Orange.....	10	1 00	6 00	15	1 50	10 00
Pink.....	10	1 00	6 00	15	1 50	10 00
Scarlet.....	10	1 00	6 00	15	1 50	10 00
White.....	10	1 00	6 00	15	1 50	10 00
Yellow.....	10	1 00	6 00	15	1 50	10 00
Mixed.....	07	70	5 00	12	1 20	8 50

Add 10 cts. per dozen for mailing
Single Bulbs mailed free



Pearl Tuberose

Caladium Esculentum

(Elephant's Ear)

As centerpieces or specimens in flowerbeds, Caladiums answer well. They also make an excellent edging for a hardy bed of grass, for ricinus and other tall-growing plants. When planted in a bed alone, a border of scarlet sage removes the one-color effect and makes a beautiful contrast. Do not plant Caladiums outdoors until after May 1, but to get them in early growth, they may be started indoors.

	Each	Doz.	100
Monster Bulbs.....	30	\$3 25	\$20 00
Mammoth Bulbs.....	20	2 20	15 00
First-Size Bulbs.....	10	1 10	8 00
Second-Size Bulbs.....	07	.75	5 00

Single Bulbs mailed free. Add for postage to dozen prices as follows: Monster Bulbs 15 cts., Mammoth 10 cts., First-Size 5 cts., Second-Size 3 cts.

Holmes' Prize Dahlias

THE CHOICEST OF THEIR RESPECTIVE CLASSES

Add 10 cts. per clump if wanted by mail

Our Dahlia roots are, in all cases, splendid, large, original specimens, often weighing 10 to 16 ounces each, and containing 6 to 8 tubers. We do not cut the roots into small pieces to save postage, but make our prices by express or freight.

DECORATIVE DAHLIAS

	Each	Doz.	100
Admiral Dewey. Rich purple; very free.....	15	\$1 50	
Madame Van den Dael. Large; white.....	15	1 50	
Jack Rose. Rich crimson; large.....	15	1 50	
Clifford W. Bruton. Canary-yellow.....	15	1 50	
Lyndhurst. Brilliant cardinal-red.....	15	1 50	
Sylvia. Deep pink, pure white center.....	15	1 50	
Nymphaea. White suffused with pink.....	15	1 50	
Maid of Kent. Cherry-red, tipped white.....	15	1 50	
Mrs. Roosevelt. Beautiful light pink.....	20	2 00	
Mrs. J. Gardner Cassatt. Deep rose-pink; large.....	50	5 00	

CACTUS DAHLIAS

	Each	Doz.	100
Countess of Lonsdale. Salmon-pink and amber.....	20	\$2 00	
Volker. Yellow; free-flowering.....	25	2 50	
Kriemhilde. Brilliant pink.....	20	2 00	
J. H. Jackson. Crimson-maroon; large.....	20	2 00	
Eva. Dwarf, white; profuse bloomer.....	20	2 00	
Mrs. Edw. Mawley. Soft yellow; large.....	25	2 50	
Floradora. Pure garnet; splendid form.....	15	1 50	

SHOW AND FANCY DAHLIAS

	Each	Doz.	100
Arabella. Light sulphur-yellow.....	15	\$1 50	
John Walker. Elegant pure white.....	20	2 00	
Red Hussar. Pure cardinal-red.....	15	1 50	
Emily. White, tipped soft lilac.....	15	1 50	
Admiral Schley. Rich crimson.....	15	1 50	
A. D. Livoni. Clear soft pink, quilled.....	15	1 50	
Dorothy Peacock. Clear soft pink.....	75	7 50	
White Swan. Large; pure white.....	20	2 00	
SINGLE DAHLIA, "Rebecca Mayhew." Pure white.....	50	5 00	

NEW "GIANT CENTURY" DAHLIAS. Write for list and prices.

Holmes' Special Dahlia Catalog sent free for the asking

Gloxinias

A gorgeous plant, either for conservatory or garden. The plants prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. They can be easily made to bloom in the house as pot-plants. Bulbs must be lifted in the fall.

	Each	Doz.	100
Named Colors.....	15	\$1 50	\$10 00
Choicest Mixed Colors.....	10	1 00	6 00

THE MAC KAY COLONY BROODER



The MacKay Mothering the Babies

Burns coal. Is self-regulating, with both Top and Bottom Drafts. The Original Brooder of its Type.

The MacKay is the original coal-burning, self-regulating Colony Brooder, the first put on the market and the one longest in use.

Because it burns coal, the chicks and buildings are always safe from fire. And burning coal, instead of oil or gasoline, saves much in fuel expense as it costs only about 7 cents a day to operate the MacKay.

Broods up to 1,000 Chicks in One Flock

The McKay is made in three sizes, for brooding up to 1,000 chicks in one flock, in one building with only one heater and coal fire to attend.

The \$18.00 MacKay Junior, for up to 300 chicks, is exactly the same in operation and regulation as the \$30.00 and \$33.00 sizes, having both top and bottom drafts that are automatically regulated, and is made of the same substantial and lasting materials.

You know that every stove you ever used had a bottom draft. A bottom draft is especially needed for brooding chicks.

When the weather suddenly changes colder, the water thermostat just above the chicks contracts, instantly opens up the bottom draft by raising the lower door below the fire, and also opens the top draft to the smoke-pipe by raising the upper check damper. This action compels a quick burning up of the fire and more heat much sooner than if there were only a top draft.

The chicks are insured the correct heat all the time with the Mackay Colony Brooder.

Its deflector need not be raised to put coal into the heater.

The MacKay is fully guaranteed by the manufacturers and by us.

Your order will receive our prompt and careful attention.

MacKay Junior Price, \$18.00

Broods up to 300 chicks
40-inch Deflector

Weight, crated—Heater, 104 lbs.; Deflector, 21 lbs.; total, 125 lbs.

No. 1 Model Price, \$33.00

Broods up to 1,000 chicks
50-inch Deflector

Weight, crated—Heater, 172 lbs.; Deflector, 34 lbs.; Total, 206 lbs.

No. 2 Model Price, \$30.00

Broods up to 500 chicks
42-inch Deflector

Weight, crated—Heater, 172 lbs.; Deflector, 28 lbs.; total, 200 lbs.



The MacKay Junior



Nos. 1 and 2 Models

Summer-Flowering Bulbs and Roots—Continued

Holmes' Superb Gladioli



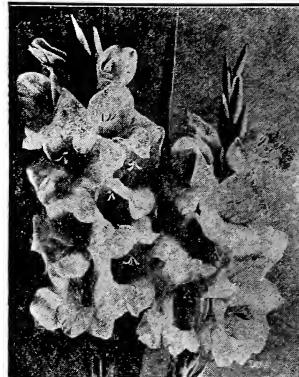
Gladiolus Augusta

The Gladiolus is the most useful of all flowers. Apart from its striking beauty and effectiveness while blooming in the garden, its practical value as a cut-flower is becoming more highly appreciated the better it becomes known.

We name below a few of the latest introductions:

	By Mail	By Exp.
	Each	Doz.
AMERICA. Soft lavender-pink.....	.05	50 \$2 75
AUGUSTA. Lovely, pure white with blue anthers.....	.05	50 2 75
BARON HULOT. Rich, deep indigo-blue; very rare.....	.06	60 3 50
CHILDSII. Finest mixed varieties. Large size; brilliant colors.....	.05	35 2 50
EUGENE SCRIBE. Rose color, shaded carmine-red.....	.08	75 5 00
GEORGE PAUL. Crimson, stained yellow, spotted purple.....	.10	85 6 00
GROFF'S NEW HYBRIDS MIXED. Selected from the cream of high-quality Gladioli.....	.04	30 2 00
HOLMES' SUPERB MIXTURE. Every bulb is extra choice; the very largest and finest kind of flowers.....	.04	35 2 00
I. S. HENDRICKSON. Irregular mottling of white and pink.....	.10	80 6 00
KLONDYKE. Clear primrose, blotched crimson.....	.06	60 4 00
MAY. Pure white, flaked crimson; extra strong.....	.05	50 3 00
VICTORY. Delicate sulphur-yellow; best yellow.....	.10	1 00 7 50

We can also furnish all other varieties of Gladioli upon application



Gladiolus America

MISCELLANEOUS BULBS AND BULBOUS PLANTS

CINNAMON VINE. A beautiful hardy annual climber, 15 to 30 feet high. Leaves thick and glossy. The white flowers, borne in clusters, emit a delightful cinnamon-like perfume. Strong roots 5 cts. each, 50 cts. per doz.; extra-strong roots 8 cts. each, 80 cts. per doz., postpaid.

MADEIRA, or MEXICAN VINE (Climbing Mignonette). Thick, glossy leaves, and long, hanging stems of feathery, fragrant, white flowers. Strong roots 5 cts. each, 40 cts. per doz., \$3 per 100, postpaid.

OXALIS. Summer-Blooming. Deppi, white. Lasiantha, pink. Either variety, 2 cts. each, 15 cts. per doz., \$1 per 100.

TUBEROSES. Excelsior Pearl, pure white. 3 cts. each, 25 cts. per doz., \$1.50 per 100. Mammoth Bulbs 5 cts. each, 50 cts. per doz., \$3 per 100. Add 15 cts. per doz. for mailing.

Ornamental Vines

AMPELOPSIS Veitchii (Boston Ivy). The best climber to cling to walls, trees, etc. Strong plants 15 cts. each, \$1.50 per doz., \$10 per 100; extra-strong plants 25 cts. each, \$2.50 per doz., \$18 per 100.

ARISTOLOCHIA Siphon (Dutchman's Pipe). A strong grower, with large leaves and pipe-like flowers. 50 cts. each, \$5 per doz.

BIGNONIA grandiflora (Trumpet Vine). Large, orange-red flowers. 50 cts. each, \$5 per doz.

Radicans. Dark red; very free-flowering. 25 cts. each, \$2.50 per doz.

CLEMATIS paniculata (Japanese Virgin's Bower). One of the finest climbers; clouds of small fragrant flowers in August. Strong plants 15 cts. each, \$1.50 per doz., \$10 per 100; extra-strong plants 25 cts. each, \$2.50 per doz., \$15 per 100.

Henryi. Creamy white; large. 50 cts. each.

Jackmani. The popular rich purple variety. 50 cts. each.

Ville de Lyon. The nearest approach to a red. 50 cts. each.

WISTARIA Sinensis (Chinese Wistaria). Blue. 50 cts. each.

HOLMES' HARDY ROSES

Hardy Roses are permanent guests in your garden or about your home. As often as summer comes again they are there with the fragrance and beauty and elegance of old-fashioned places. Put a bed in an empty place, or a row around the outside. The plants we offer are all two-year-old, pot-grown, 2 feet high, many of them in bud when shipped. All are absolutely free from disease and are guaranteed to be satisfactory.

Any of the following large two-year-old plants 50 cts. each, \$5 per dozen, by express, you pay charges; one-year-old plants of the same varieties 35 cts. each, \$3 per dozen, you pay express.

SOUV. DE PIERRE NOTTING. Superb new Tea Rose. A cross of Marechal Niel on Maman Cochet. Color, apricot-yellow tinged with golden. Rim of petals shaded beautiful carmine-rose. Great quantity of bloom.

KAISERIN AUGUSTA VICTORIA. Hybrid Tea. Large, strongly fragrant flowers of snowy whiteness, produced in great profusion; a strong, healthy grower with large foliage.

KILLARNEY. A splendid new Hybrid Tea Rose; strong, robust grower; free, continuous bloomer; color is brilliant, sparkling pink; flowers are extra large and the buds long and pointed.

CLOTHILDE SOUPERT. Tea Polyantha. One of the freest flowering Roses in our collection, producing perfectly double flowers of a French-white, deepening to rosy blush in the center.

DUCHESSE DE BRABANT. Tea. One of the most deliciously scented and beautiful in cultivation; silvery pink; free growth.

ETOILE DE LYON. Tea. A splendid rich yellow, beautiful in the bud as well as in the flower.

MAD. FRANCISCA KRUGER. Tea. A fine bedding Rose; color, copper-yellow, shaded with peach; large and full.

HERMOSA. Bourbon-China. The old favorite bright rich pink, which is always in bloom.

MAMAN COCHET. Everblooming Tea. An extra-strong grower, producing large buds and flowers in the greatest profusion; color, deep rose-pink, inner side of petals silvery rose; borne on long, stiff stems; very double and exquisite when in bud.

WHITE MAMAN COCHET. Everblooming Tea. Identical with Maman Cochet, except in color, which is pure white.

FRAU KARL DRUSCHKI. Hybrid Perpetual. This is an ideal hardy white Rose, pure in color, perfect in form, strong grower and remarkably free-flowering; superb in every way.

Peonies

These old-time favorites are being planted more and more than ever before. They are admired in open borders, beds along walks and drives, well suited to intermingle among either shrubs or perennials. Their great flowers are perfectly formed, and some are fragrant and as delicately colored as a rose. Peonies grow best in rich, deep soils and sunny positions. They flower at the close of May and in June.

Named Varieties 15 cts. each, \$1.50 per doz. Mixed Varieties 12 cts. each, \$1.25 per doz.

MOUTAN (Tree Peony). These differ from the herbaceous varieties by their growth, which is in the form of a dwarf shrub; they commence blooming about three weeks earlier, and while also perfectly hardy are benefited by slight protection through the winter. We offer strong plants in shades of crimson, pink and white. \$1 each, \$9 per doz.

TENUIFOLIA fl. pl. Interesting on account of their rich crimson, double flowers, and the fine, feathery foliage which makes a handsome ornamental plant. 25 cts. each, \$2.50 per doz.

OFFICINALIS. This type is the old-fashioned Peony and comes into bloom from ten days to two weeks ahead of the other herbaceous sorts. All are strong growers, with large, full-double, fragrant flowers.

Alba. Blush-white.

Rosea. Bright rose-pink.

Rubra. Deep crimson.

30 cts. each; 1 of each for 75 cts.

HELEN GOULD, or BALDUIN. Tea. An excellent bedding variety, with large full flowers of fine form; bright, glowing carmine; a free and continuous bloomer.

GENERAL JACQUEMINOT. Hybrid Perpetual. Brilliant scarlet-crimson.

LA FRANCE. Hybrid Tea. An old favorite and probably the most popular Rose the world over. Flowers clear, satiny pink; large; very full and of perfect form.

GLOIRE LYONNAISE. Hybrid Perpetual. White, tinted with yellow; large, full and of good shape; very distinct.

MAGNA CHARTA. Hybrid Perpetual. Bright pink, suffused with carmine; a beautiful Rose; strong, vigorous grower.

MRS. JOHN LAING. Hybrid Perpetual. Soft pink of beautiful form; exceedingly fragrant and remarkably free flowering.

PAUL NEYRON. Hybrid Perpetual. The largest Rose; smoky rose color. An old favorite.

Climbing Roses

CRIMSON RAMBLER. Plants 2 to 3 feet, 50 cts. each.

PINK RAMBLER. Plants 2 to 3 feet, 50 cts. each.

WHITE RAMBLER. Plants 2 to 3 feet, 50 cts. each.

YELLOW RAMBLER. Plants 2 to 3 feet, 50 cts. each.

Our Guarantee. The shipping of Roses and other plants by mail is so unsatisfactory to the buyer that we have decided to offer only large, strong one and two-year-old plants by express, which we will guarantee to please you. Roses and Hardy Climbers will not be ready to ship before May 1, and unless otherwise ordered, we will send all plants on or about that date.

HOLMES' SUPERIOR FLOWER SEEDS

On the following pages are listed the very best flower seeds that can be grown. We offer them with the full consciousness of their superiority, knowing that they will give unbounded satisfaction. We guarantee all of them to be **absolutely fresh, new crop, tested and of strong germination power**. We have listed all seeds by using the botanical in some instances and the English names in others. There are also cross references wherever needed so that every variety may readily be under either name.

Following each name will be found letters according to the following table, showing the nature and character of each plant, and figures showing the height to which it naturally grows. The letters and their meanings are as follows:

A. Annual—Blooming the same year of planting, but dying in the fall.

HA. Hardy Annual—Growing with but little care.

HHA. Half-Hardy Annual—Requiring protection in unfavorable seasons.

B. Biennial—Lasting two years.

HP. Hardy Perennial—Permanent in growth, coming up each spring from the roots, and increasing in size and beauty.

TP. Tender Perennial—Requiring mulching or protection during the winter.

GP. Greenhouse Perennial Plants—Those suitable only for growing in pots in the conservatory or house.

GS. Greenhouse Shrubby Plants—which are appropriate for greenhouse culture, but which can be planted outside during the summer.

We shall be glad, at all times, to answer questions relative to the growing of flowers, and will cheerfully give our patrons the benefit of our experience. Write us for any information desired.



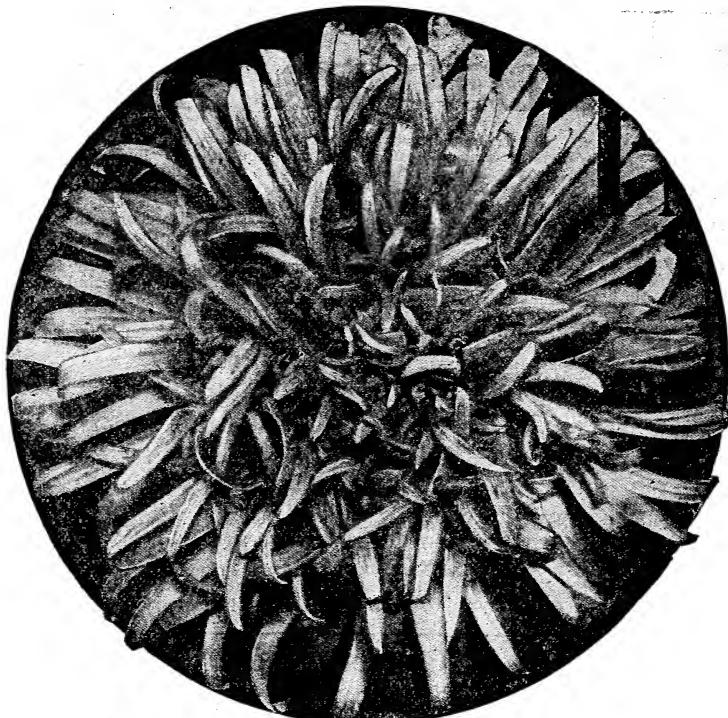
In all cases the order will be filled exactly as desired, but in order to take advantage of this reduced price offer, it will be necessary to mention the fact in the order.

ALL FLOWER SEEDS DELIVERED FREE, BY MAIL, POSTPAID, AT PRICES AFFIXED

	Pkt.	Lge.	Pkt.	Pkt.	Lge.	Pkt.
1 ABRONIA umbellata (Sand Verbena). A. Trail- ing. Rose-colored flowers in clusters. For baskets, borders and rockeries.....	05		25			
5 ABUTILON (Flowering Maple). GS. 4 ft. Ten- der shrub, with handsome foliage and bright bell-shaped flowers. Mixed colors. For garden, greenhouse or house.....	10		40			
10 ACHILLEA Ptarmica, "The Pearl" (Yarrow; Milfoil). HP. 2 ft. Double white flowers in clusters.....	10		30			
ACONITUM (Monk's Hood). HP. 4 ft. Panicles of helmet-shaped flowers.						
15 Napellus. Blue.....	05		25			
16 Napellus. White.....	05		40			
20 ACROCLINIUM. HHA. 1 ft. Everlasting flowers; mixed colors. Fine for winter decoration.....	05		15			
25 ADLUMIA cirrhosa (Allegheny Vine). B. Climbing. Splendid climber, with pink flowers.	10		25			
30 ADONIS aestivalis (Flos Adonis). A. 1 ft. Feathery leaves; blue flowers.....	05		15			
AGERATUM (Floss Flower). A. For edging; blooms all summer.						
31 Blue Perfection. 9 in. Blue.....	10		20			
32 Blue Star. 5 in. Bright blue.....	15		50			
33 Dwarf White. 9 in. White.....	05		15			
34 grandiflora alba. 9 in. White; large flowers.	10		15			
35 Princess Victoria Louise. 6 in. Light blue, white center.....	10		30			
36 Fine Mixed. Both colors mixed.....	05		15			
AGROSTEMMA. HP. 2 to 3 ft. Free blooming. Fine for dry places.						
46 coronaria (Rose Campion). Rose-colored....	05		15			
ALLEGHENY VINE. See Adlumia.						
ALTHAEA. See Hollyhock.						
ALYSIUM. Clusters of small flowers all summer. For edging.						
51 saxatile compactum (Basket of Gold). HP. Pkt. 1 ft. Yellow.....	05		75			
52 Little Gem. HA. 6 in. White; spreading..	05		50			
53 procumbens (Carpet of Snow). HA. White; very dwarf.....	05		60			
54 maritimum (Sweet Alyssum). HA. 6 in. White	05		25			
AMARANTHUS. A. 2 to 3 ft. Handsome foliage and plume-like flowers.						
59 caudatus (Love-Lies-Bleeding). Red.....	05		15			
60 salicifolius (Fountain Plant). Red; drooping.	05		30			



Holmes' Late Giant Branching Aster



ASTERMUM. A Glorified Aster

	Pkt.	Lge. Pkt.
74 ANCHUSA capensis. HP. 1½ ft. Purple flowers.	05	40
79 ANEMONE (Wind Flower). HP. 2 ft. Charming double flowers; all colors.	05	20
ANIMATED OATS (Avena sterilis). See Grasses.		
ANTIRRHINUM (Snapdragon). HP. Magnificent trusses of odd-shaped flowers.		
Tall Varieties. 2 to 3 ft.		
84 Giant Pink.....	10	25
85 Giant Scarlet.....	10	25
86 Giant Striped.....	10	25
87 Giant White.....	10	25
88 Giant Yellow.....	10	25
89 Giant Mixed.....	10	20
Semidwarf Varieties. 1 to 1½ ft.		
94 Daphne. Bright Pink.....	15	40
95 Firefly. Scarlet and white.....	10	20
96 Golden Queen. Yellow.....	10	20
97 Queen of the North. White.....	10	20
Dwarf Varieties. 6 in.		
98 Golden Sun.....	10	40
99 Mixed.....	05	20
AQUILEGIA (Columbine). HP. 2 ft. Quaint, spurred flowers on long stems.		
105 Long-spurred Hybrids. Mixed colors.....	10	40
106 Canadensis.....	05	25
107 chrysanth. Goldenseal yellow.....	10	25
108 chrysanth. alba. White.....	10	30
109 California Hybrids. Yellow and scarlet.....	10	25
110 caerulea. Blue.....	10	40
111 glandulosa. Blue and white.....	15	40
112 Haylodgensis delicatissima.....	20	50
113 nivea grandiflora.....	05	15
114 Rose Queen.....	20	50
115 Single Mixed. All colors.....	05	15
116 Double Mixed. All colors.....	05	15
125 ARISTOLOCHIA Siphon (Dutchman's Pipe). HP. Climbing Vine. Brown and yellow flowers; large, heart-shaped leaves, 30 seeds..	10	
130 ASCLEPIAS tuberosa. HP. 2 ft. Orange flowers in spikes.....	10	
ASPARAGUS. GP. Trailing. Feathery long stems, for pots and baskets.		
135 plumosus. Fine, lace-like foliage.....	25	\$1 00
136 Sprengerii. Coarser foliage; red seed berries..	10	50

Elmira, N. Y., Nov. 9, 1914.

Holmes Seed Co., Harrisburg, Pa.

Gentlemen: In reply to your favor of October 31, your Emperor Celery and Columbia are not at all alike in size, shape or growth.

The Emperor is a much heavier stalk and stalkier heads, large, thick, fine ribs. Also a larger leaf.

One's first glance, the Emperor resembles the Columbia, but on close inspection they are entirely different. We are growing both and have concluded to grow only the Emperor for late next season. It is the kind of the late varieties.

Please pardon delay; absence from home cause of delay.

Respectfully yours,

MILLER BROS.

Per A. G. M.

Asters. A. 1 to 2 ft.

The best known and most popular of all late-blooming garden annuals. Some are handsomely quilled, and others rival the largest chrysanthemums in form and beauty. Special instruction in their cultivation will be sent upon application.

ASTERMUM. A Glorified Aster

(See illustration)

The plant itself grows straight up with very strong, sturdy stems starting near base and reaching from 18 to 24 inches; even the center stems are plenty long enough for the market.

The three colors are unsurpassed. The lavender has never been produced before. The pink is the beautiful pink of the rose and the white is as white as the driven snow. Each plant yields from 10 to 15 blooms, measuring fully 5 inches in diameter, and their solidity is such that they make good shippers. They do not require either disbudding or disbranching, in fact, there are but few side buds. Owing to the symmetry of the plants, they may be set only 9 inches apart. They seem to vie with each other in reaching up and the roots are better shaded; in case of storm, they support each other and the bloom remains unharmed.

137 Pink. A beautiful rose-pink.

138 Lavender.

139 White. As white as the driven snow.

Pkt. 20 cts, ¼ oz. \$2.50. One packet of each color for

50 cts.

Holmes' New Imperial Asters.

True Comet type; extra large. Pkt. Oz.

140 Daybreak. Shell-pink.....	10	\$3 00
141 Lavender. Charming shade.....	10	3 00
142 Purity. Pure white.....	10	3 00
143 Sunset. Light pink; deep center.....	10	3 00

150 Holmes' Lavender Gem. Delicate color; feathered like an ostrich-plume.

Pkt. Lge. Pkt.

155 Rochester. Lavender-pink; very large.....	15	50
156 White. Midseason; extra large.....	15	50

160 Holmes' Rose King. Brilliant rose-color; very large.....

Pkt. Lge. Pkt.

165 Holmes' Royal Purple. Full-double; handsome; dwarf.....	10	2 50
170 Holmes' Violet King. Soft violet-lilac petals very much twisted and curled.....	10	2 00

Giant Comet Asters. Resemble chrysanthemums; often 6 inches across; petals long and twisted.

175 Rose. Delicate shade.....	10	3 00
176 White. Clear and brilliant.....	10	3 00

177 Mixed Colors.

180 White.....	10	½ oz.
181 Rose.....	10	60

182 Carmine.....

183 Blue.....	10	60
184 Mixed Colors.....	10	50

184 Giant Late Branching Asters. Extra large flowers. Fine for cutting.

190 White.....	05	Oz.
191 Pink.....	05	1 50

192 Purple.....

193 Lavender.....	05	1 50
194 Crimson.....	05	1 50

195 Mixed Colors.....

196 Holmes' Queen of the Market Asters. Distinct type; very, large flowers on long stems. Extra early.	05	Oz.
197 Indigo-blue.....	05	1 00

201 Red.....

202 Rose.....	05	1 00
203 White.....	05	1 00

204 Mixed Colors.....

205 Holmes' Queen of the Market Asters. Distinct type; very, large flowers on long stems. Extra early.	05	Oz.
206 Indigo-blue.....	05	1 00

AUSTRALIAN STRAW FLOWER. See Helichrysum.**AVENA sterilis.** See Grasses.**BACHELOR'S BUTTON.** See Centaurea.**BALLOON VINE.** See Cardiospermum.**BALSAM.** Camellia-flowered (Impatiens Balsamina). Lady Slipper. HHA. 1½ ft. Well-known, old-fashioned garden plant, bearing dainty, double, rose-like flowers on an erect stalk. See, also, Impatiens.

210 Pink.....	10	\$1 00
211 Salmon pink.....	10	1 50

212 Scarlet.....

213 White.....	10	1 50
214 Choice Mixed. All colors.....	10	75

214 BALSAM APPLE; BALSAM PEAR. See Momordica.

219 BARTONIA aurea. HA. 1 ft. Golden-yellow flowers, fragrant in the evening. Deeply cut foliage.....	10	Lge. Pkt.
220 BABY'S BREATH. See Gypsophila.	10	15

224 BEANS. SCARLET RUNNER. A. Climbing. Broad foliage and scarlet flowers followed by Pkt. long, edible beans. Fine for porches.....

225 BEGONIA. GP. 1 to 1½ ft. Handsome foliage and flowers.	05	Pt.
226 Semperflorens type. Everblooming. For bedding and pot culture.	10	Lge. Pkt.

227 Anna Regina. Rose-color.....	15	65
228 Zulu King. Blood-red flowers; dark red foliage.	15	65

229 Queen of Carpet Bedders. Red foliage; orange-red flowers; compact in growth.....	15	40
230 Vernon. Light red flowers; dark red foliage.....	15	30

231 Rex Hybrids. Magnificent, large, odd-shaped foliage; all colors and markings, mixed.....	25	65
232 Rex Hybrids. Magnificent, large, odd-shaped foliage; all colors and markings, mixed.....	25	65

BEGONIA —continued			
Tuberous-rooted. For massing in shady places.	Pkt.	Lge.	Pkt.
252 Single Varieties, choice mixed....	15	65	
253 Double Varieties, choice mixed....	25		
See, also, Summer-flowering Bulbs and Roots.			
BELLIS perennis (English Daisy). B. 4 in. Dainty little flowers in early spring. Pink and white.	15	65	
260 Holmes' Mammoth White.....	15	40	
261 German Double Mixed.....	15	40	
BLACK-EYED SUSAN. See Thunbergia.			
BLANKET FLOWER. See Gaillardia.			
BOSTON IVY. See Ampelopsis.			
266 BRACHYCOME (Swan River Daisy). A. 1 ft. For edging. Mixed....	05	20	
BRIZA maxima. See Grasses.			
271 BROMUS brizaformis. See Grasses.			
BROWALLIA (Amethyst). A. 2 ft. Blue and white flowers. Fine for garden and house blooming....	05	20	
BUTTERFLY FLOWER. See Schizanthus.			
276 CACALIA coccinea (Tassel Flower). A. 1½ ft. Pretty tassel-like scarlet flowers.....	05		
CALADIUM esculentum. See Bulbs.			
CALCEOLARIA (Pocket Flower). GP. 1 to 2 ft. Charming house plants, with curious striped and mottled flowers.			
281 hybrida grandiflora. Tall; mixed colors.....	25	75	
282 hybrida grandiflora pumila compacta. Dwarf mixed.....	25	75	
283 James' Perfection Strain. All colors; beautifully marked.....	50	\$1 25	
CALENDULA officinalis (Pot Marigold). A. 1 to 2 ft. Showy garden flowers, constantly in bloom.			
288 Prince of Orange. Bright yellow and orange.....	05	25	
289 Striped Meteor. Striped orange and cream.....	05	25	
290 Double Mixed. Orange, yellow and white.....	05	25	
CALIFORNIA POPPY. See Eschscholtzia.			
CALLIOPSIS, or COREOPSIS. 1 to 2 ft. Showy, large, daisy-like flowers.			
295 coronata. A. Yellow.....	05	25	
296 Golden Wave. A. Yellow.....	05	25	
297 Mixed Varieties. A.....	05	25	
298 lanceolata (Coreopsis). HP. Brilliant.....	10	50	
303 CALLIRHOE involucrata (Poppy Mallow). HP. Trailing. Bright saucer-shaped flowers; crimson, white centers.....	Pkt.	Oz.	
CAMPANULA. Bell-shaped flowers in splendid spikes.			
Biennial Varieties:	Pkt.	Lge.	Pkt.
Medium (Canterbury Bells). 2 ft.			
Pkt. Lge. Pkt.			
308 Blue ... 05 30 310 White....	05	15	
309 Pink ... 05 15 311 Mixed....	10	20	
Calycanthemum (Cup-and-Saucer). 2 ft.	Pkt. Lge. Pkt.		
316 Blue ... 10 30 318 White....	10	30	
317 Pink ... 10 30 319 Mixed....	10	25	
Perennial Varieties:			
Carpatica (Harebell). 6 to 8 inches.			
Blue.....	05	15	
White.....	05	15	
330 Persicifolia grandiflora (Peach Bells). 4 ft. White flowers in stately spikes.....	15	30	
335 Pyramidalis (Chimney Bellflower). 6 ft. Majestic pyramids of blue, bell-shaped flowers.	05	20	
CANDYTUFT (Iberis). H.A. Clusters of small flowers; fine for borders and cutting. All colors.			
340 Holmes' Giant White. 1 ft. Extra fine....	Pkt.	Oz.	
341 Carmine. Deep scarlet.....	10	60	
342 Crimson.....	05	40	
343 Empress. White; extra large.....	10	40	
344 Little Prince. White; dwarf; for edges.	10	50	
345 Pink.....	05	40	
346 sempervirens. Perennial. White; dwarf....	10	\$3 00	
347 White Rocket. Long, heavy spikes....	05	25	
360 CANNAS (Indian Shot). A. 3 to 6 ft. Mostly grown from roots, but can successfully be grown from seed, by cutting seed with a sharp file. Mixed colors. See, also, Bulbs and Roots			
CANTERBURY BELLS. See Campanula.			
CARDINAL FLOWER. See Lobelia cardinalis.			
365 CARDIOSPERMUM halicacabum (Balloon Vine; Love-in-a-Puff). H.H.A. Pretty and graceful climber, with white blossoms and balloon-like seed-pods.....	Pkt.	Lge.	Pkt.
CARNATION, Marguerite. A. 1½ ft. Well-known garden flowers of spicy fragrance....	10	25	
Pkt. Lge. Pkt.			
370 Red 10 40 372 Striped...	10	40	
371 Scarlet ... 10 40 373 White....	10	40	
374 Finest Mixed. All colors.....	10	25	
CARNATION. 1½ ft. Florist's greenhouse sorts.			
377 Fancy Extra Choice. Mixed colors.....	10	50	
378 Choice Double.....	10	50	
379 Fancy Picotee. Mixed colors.....	10	50	
CARPET-OF-SNOW. See Alyssum.			
CASTOR-OIL PLANT. See Ricinus.			



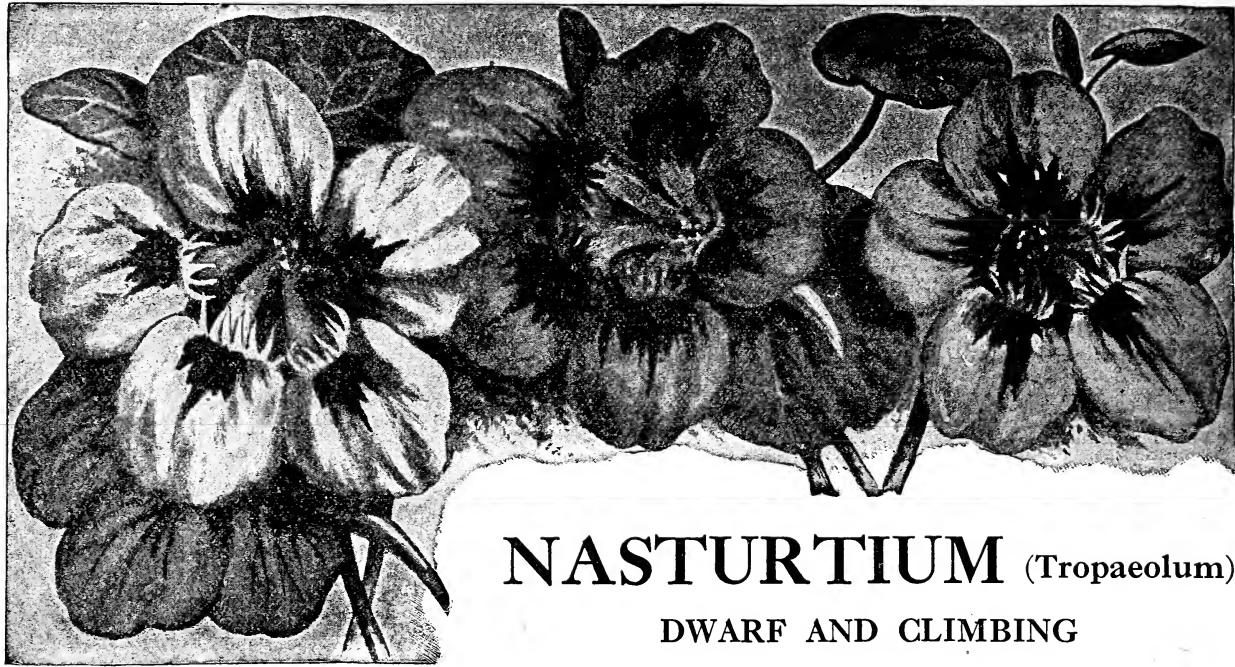
Group of Double Annual Pinks, see page 44

CELOSIA. A. 1 to 2 ft. Brilliant bedding plants, with unique flowers. Fine for pots.	Pkt.	Lge.	Pkt.
383 Dwarf Feathered. Rose-colored.....	05	25	
384 Glasgow Prize (Crimson Comb). Crested....	05	25	
385 Thompsoni magnifica. Yellow and red....	10	25	
386 Dwarf Mixed. Low-growing; mixed colors....	05	15	
387 Extra Fine Mixed. All kinds.....	05	25	
CENTAUREA cyanus (Cornflower, or Bachelor's Button). H.A. 1 to 3 ft. Handsome old-fashioned flowers.			
392 Emperor William. Blue; extra large.....	05	50	
393 Double Blue. Very large; handsome.....	10	\$1 50	
Pkt. Oz.			
394 Pink.... 05 25 396 Single Mixed...	05	25	
395 White.... 05 25 397 Double Mixed...	05	25	
CENTAUREA imperialis (Giant Cornflower). Sweet-scented.	Pkt.	Lge.	Pkt.
400 Deep Rose.....	10	75	
401 Lavender.....	10	75	
402 Lilac.....	10	75	
403 Brilliant Pink.....	10	75	
404 Purple.....	10	75	
405 White.....	10	75	
406 Choice Mixed.....	10	60	
CENTAUREA, White-leaved. (Dusty Miller). For edges.			
410 gymnocarpa. Finely cut; silvery gray.....	10	20	500 Seeds
411 candidissima. Broad leaves, cut.....	10	30	
415 CENTAUREA moschata (Sweet Sultan). Hand-some, fragrant purple and white flowers....	Pkt.	Lge. Pkt.	25
CHEIRANTHUS. See Wallflower.			
CHIMNEY BELLFLOWER. See Campanula.			
CHINESE BELLFLOWER. See Platycodon.			
CHINESE PRIMROSE. See Primula.			
CHRYSANTHEMUM. IIP. 1½ to 3 ft.			
420 Double Mixed. All colors; autumn.....	20	65	
421 frutescens (Marguerite, or Paris Daisy). White, with yellow disc.....	10	20	
422 Shasta Daisy, "Alaska." White, on long stems	20	65	
CIGAR PLANT. See Cuphea.			
CINERARIA. GP. 6 to 18 inches. Handsome house plants, with brilliant round flowers of many colors.			
Holmes' Prize Strain. Mixed colors.....	35	75	
James' Giant Strain. Mixed colors.....	50	1 25	
Prize Dwarf. All colors.....	35	74	
Prize Medium Tall. Mixed colors.....	35	75	
hybrida, Choice Mixed. Splendid selection...	25	65	
stellata hybrids. Mixed colors.....	50	1 25	
plenissima. Dwarf; double; mixed.....	05	25	
CINERARIA, White-leaved. For edging.			
maritima candidissima (Dusty Miller).....	05	15	

445	CINNAMON VINE. See Bulbs.	Pkt.	Lge. Pkt.		DIAMOND FLOWER. See Ionopsidium.
445	CITRIODORA (Lemon Verbena). TP. Pale green, lemon-scented foliage.	10			DIANTHUS (Pinks). B. 1 ft. Charming, clove-scented flowers of the old time gardens. See, also, Carnations.
450	CLARKIA. A. 1½ ft. Graceful sprays of various colored flowers.	05	15		Double Varieties:
455	CLEMATIS. HP. Climbing vines of rapid growth. paniculata (Japan Virgin's Bower). Great profusion of sweet-scented, small white flowers. Large flowered. See under Climbing Plants.	05	20	Chinensis. All colors mixed.....	05 15
458	CLEOME pungens (Spider Plant). A. 4 ft. Bushy plant with odd pink flowers.	05	20	Dwarf Snowball. White.....	05 20
	COBAEA scandens (Cup-and-Saucer). A. 20 ft. rapid climber, bearing quaint cup-and-saucer-like flowers.			Dwarf Fireball. Blood-red; globe-shaped.....	10 20
463	White.....	05	30	Single Varieties:	
464	Violet-blue.....	05	15	Salmon Queen. Salmon-pink; fringed.....	05 20
	COCKSCOMB. See Celosia.			stellaris (Star Pink). Mixed colors.....	05 15
	COIX lachryma. See Grasses.			Japonicus. "Eastern Queen." Fringed.....	05 20
	COLEUS. GS. 2 ft. Handsome plants, with foliage of many colors curiously marked and splashed.			Dainty. White.....	05 15
469	Large-leaved. Bronzy foliage.....	15	65	plumarius, "Pheasant's Eye." Dark center.....	05 15
470	Finest Mixed. All colors.....	10	50	scotius (Florist's Pink). Mixed.....	10 20
	COLUMBINE. See Aquilegia.			lacinatus. Mixed. All colors.....	05 15
	CONEFLOWER. See Rudbeckia.			Large White. Resembles a Carnation.....	05
	CONVOLVULUS. See Morning-Glory.			Barbatus (Sweet William).	
	COREOPSIS. See Calliopsis.			Holmes' Giant Double. Mixed.....	05 20
	CORNFLOWER. See Centaurea.			Brilliant Red.....	05 20
	COSMOS. A. 2 to 6 ft. Handsome, stately plants, with feathery foliage, bearing multitudes of brilliant flowers late in the season. Pinch tops of plants when a foot high to induce bushy growth.			Pure White.....	05 20
475	Holmes' Mammoth Perfection. Mixed colors; flowers very large and round.....	05	50	Perfection. Single; mixed colors.....	05 20
476	Lady Lenox. New. Large, shell-pink.....	05	\$1 25	DICTAMNUS fraxinella (Gas Plant). HP. 2 ft. Showy border plant; large spikes.	
477	Klondyke. Golden yellow.....	10	1 25	rosea. Rose-pink.....	05 15
478	New Giant Mixed.....	05	75	alba. White.....	05 15
479	White Pond-Lily. 5 inches across.....	05	75	DIGITALIS (Foxglove). HP. 4 ft. Majestic spires of tubular flowers of all colors.	
480	Dawn. Dwarf; early; white.....	05	75	monstrosa. Extra large; the spire is surmounted by one large flower.....	
481	Mammoth Pink.....	05	75	DUSTY MILLER. See Centaurea and Cineraria.	
482	Mammoth Crimson.....	05	75	ECHINOCYSTIS lobata (Wild Cucumber). HA. Climbing vine. A rampant grower, covered in summer with dainty spikes of white flowers, followed by curious seed-pods.....	
483	Rainbow. All colors in one flower.....	05	1 50	ELEPHANT'S EAR. See Caladium.	
	COWSLIP. See Primula veris.			ESCHSCHOLTZIA (California Poppy). HA. 1 ft. Masses of showy poppy-like flowers all summer.	
487	CROTOLARIA retusa (Florida Rattlebox). A. 1½ ft. Golden yellow; much like a sweet pea in shape. Seed-pods rattle.....	10		Holmes' Mammoth White. White; large.....	05 30
	CUP-AND-SAUCER. See Campanula and Cobaea.			Hunnemannia. Bush-form; yellow.....	05 75
	CUP FLOWER. See Nierembergia.			Golden West. Orange-yellow.....	05 40
	CUT-AND-COME-AGAIN. See Stocks.			Mandarin. Orange-yellow.....	10 35
	CYCLAMEN. Holmes' Superb Giants. GP. 9 in. One of the handsomest of all conservatory or house plants, with exquisitely shaped and colored flowers and curiously mottled foliage. Our Cyclamen seed is grown specially for us by the leading expert in England, and we can guarantee its purity and blooming quality.			Rose. Carmine-rose.....	10 40
492	Duke of Connaught. Crimson.....	50	\$1 50	Fine Single Mixed. All colors.....	05 25
493	Excelsior. White, with red eye.....	50	1 50	EULALIA Japonica. See Grasses.	
494	grandiflora alba. White; extra large.....	50	1 50	EUPHORBIA variegata (Snow-on-the-Mountain) HA. 2 ft. Veined and margined white. Ornamental foliage.....	
495	Princess of Wales. Pink.....	50	1 50	EVENING-GLORY. See Ipomoea.	
496	Salmon Queen. Salmon-pink.....	50	1 50	EVENING PRIMROSE. See Oenothera.	
497	Mixed. All colors.....	50	1 25	EVERLASTING FLOWERS. See Xeranthemum.	
498	The regular Giganteum strain of any of the above varieties.....	35	1 25	FALSE DRAGON HEAD. See Physostegia.	
502	CYPERUS alternifolius (Umbrella Plant). GP. 2 ft. Graceful house plant with long stems and palm-like foliage.....	Pkt. 100 Seeds	Pkt. 100 Seeds	FEATHER GRASS. See Grasses.	
	CYPRESS VINE (Impomoea Quamoclit). A. 20 ft. Graceful climbing vine, with feathery foliage and star-like flowers.	10		FEVERFEE. See Matricaria.	
507	White.....	05	30	FLAME FLOWER. See Tritoma.	
508	Scarlet.....	05	30	FLORIDA RATTLEBOX. See Crotalaria.	
509	Mixed.....	05	25	FLOS ADONIS. See Adonis.	
	CYPRESS, SUMMER. See Kochia.			FLOSS FLOWER. See Ageratum.	
	DAHLIAS. HHA. 2 to 5 ft. Superb, decorative plants, grown mostly from roots, but can be successfully grown from seed. See, also, Bulbs and Roots.			FLOWERING FLAG. See Iris.	
514	Superb Single. Mixed colors and forms.....	10	30	FLOWERING MAPLE. See Abutilon.	
515	Double Large Flowering. Mixed varieties.....	10	30	FLOWERING TOBACCO. See Nicotiana.	
516	Pompons. Choice mixed; small flowers.....	10	30	FORGET-ME-NOT. See Myosotis.	
	DAISY, English. See Bellis perennis. Swan River. See Brachycome.			FOUR O'CLOCK. See Mirabilis.	
	Shasta. See Chrysanthemum.			FOXGLOVE. See Digitalis.	
	Paris, or Marguerite. See Chrysanthemum.			618 FUCHSIA (Lady's Eardrop). GS. 2 ft. Dainty, two-parted flowers, in various colors.....	Pkt. 100 Seeds 30 50
	DELPHINIUM (Larkspur). Stately spikes of beautiful flowers in June and in fall. Perennial Varieties:			GAILLARDIA (Blanket Flower). 2 ft. Brilliant daisy-like flowers in shades of yellow and orange.....	
525	Belladonna. 5 ft. Delicate blue.....	25	65	623 Annual Varieties:	Pkt. Lge. Pkt.
526	Burbank's Hybrids. 4 to 5 ft. Mixed.....	25	50	picta. Mixed colors.....	05 15
527	Chinese (D. grandiflorum album). White.....	05	15	Lorenziana fl. pl. Mixed colors.....	05 15
528	formosum. 5 ft. Deep blue.....	05	20	Perennial Varieties:	
529	nudicaule. 18 in. Bright scarlet.....	10	50	grandiflora. Mixed colors; brown center....	10 20
530	Zalil. 4 ft. Sulphur-yellow.....	10	50	grandiflora compacta. Dwarf.....	10 20
531	Mixed. All colors.....	05	20	Salmon-red. Orange edge.....	10 30
	Annual Varieties:	Pkt.	Oz.	sulphurea oculata. Red eye.....	10 30
536	Emperor. 3 to 4 ft. Mixed colors.....	10	40	GAS PLANT. See Dictamnus.	
537	Tall Rocket. 2 ft. Mixed colors.....	05	30	GERANIUM (Pelargonium). GS. 1½ ft. The well-known and popular bedding flowers. Grow well from seed.	
538	Double Dwarf Rocket. 1 ft. Mixed.....	05	25	632 Zonal. Mixed colors.....	10 20
	Giant Hyacinth-flowered:	Pkt.	Lge. Pkt.	633 Lady Washington. Mixed. 100 seeds, 75¢.	10 10
542	Dark Blue. 2½ ft.....	05	60	GLADIOLI. See Bulbs and Roots.	
543	Shell-pink. 3 ft.....	05	60	GLOBE AMARANTH. See Gomphrena.	
544	White. 3 ft.....	05	60	GLOXINIA. GP. 2 ft. Curious, velvet-throated flowers, handsomely marked, spotted and stained.	
545	Mixed. 3 ft. All colors.....	05	50	637 Holmes' Tiger-spotted. Gorgeous coloring.	Pkt. 25 75
				Mixed Hybrids. Brilliant colors; velvety foliage. See, also, under Bulbs.....	25 75
				638 GODETIA (Satin Flower). A. 1 to 2 ft. Handsome garden plants, in constant bloom.	
643	Bijou. Blush-pink.....			643 Bijou. Blush-pink.....	05 15
644	gloriosa. Blood-red.....			644 gloriosa. Blood-red.....	05 15
645	Finest Mixed. All colors.....			645 Finest Mixed. All colors.....	05 15
	GOLDENROD. See Solidago.			GOMPHRENA (Globe Amaranth). A. 1 to 2 ft. Coarse plants, with a profusion of globe-shaped everlasting flowers. For winter bouquets.	
650	aurea superba. Golden yellow.....	05	30	650 aurea superba. Golden yellow.....	Pkt. 05 Oz. 30
651	nana compacta. Dwarf; red flowers.....	05	30	651 nana compacta. Dwarf; red flowers.....	05 30
652	Mixed. All colors.....	05	25	652 Mixed. All colors.....	05 25
	GOURDS. A. 10 to 30 ft. Climbers of quick growth, bearing yellow flowers and curious seed-vessels.			655 GOURDS. A. 10 to 30 ft. Climbers of quick growth, bearing yellow flowers and curious seed-vessels.	
655	Sugar Trough (Sap Bucket). Largest.....	05	25	656 Sugar Trough (Sap Bucket). Largest.....	05 25
	White Egg (Nest Egg). Very useful.....			White Egg (Nest Egg). Very useful.....	05 25

GOURDS—continued	Pkt.	Oz.		
Dishcloth (Luffa, or Bonnet Gourd).....	05	25		
Mock Orange. The best known.....	05	25		
Mixed Ornamental. All sorts.....	05	20		
GRASSES. Ornamental:	Pkt.	Lge. Pkt.		
Avena sterilis (Animated Oats). A. Interesting.	05	15		
Brizia maxima (Quaking Grass). A. For bouquets.....	05	15		
Bromus brizaeformis. A. Winter bouquets.	05	15		
Coxia lachrymae (Job's Tears). Seed resembles tears.....	05	10		
Eulalia Japonica. HP. Beautiful.....	05	15		
Glycerium argenteum (Pampas Grass). HP. Fine.....	05	15		
Hordeum jubatum (Squirrel Tail Grass). A. Bushy.....	05	15		
Pennisetum Rupephilum (Purple Fountain Grass). A. Crimson plumes.....	05	15		
Stipa pennata. HP (Feather Grass).....	05	15		
SPECIAL OFFER. One packet each of the above 9 varieties of Ornamental Grasses, 40 cts. postpaid.				
GYPSOPHILA paniculata (Baby's Breath). HP. 3 ft. Small white flowers in sprays forming a misty effect above the plant.....	05	15		
HELIANTHUS (Sunflower). A. and HP. Bold, majestic plants, with large ray flowers.				
cucumerifolius. A. 3 ft. Yellow.....	05	15		
miltiflorus. P. 4 ft. Double; golden.....	05	15		
"The Dahlia." P. 7 ft. Double; golden.....	05	15		
Silver-leaved. A. 4 ft. Foliage silvery.....	05	15		
Miniature. A. 3 ft. Small; orange-yellow.....	05	15		
HELENIUM Bigelowii. IIP. 5 to 6 ft. Daisy-like yellow flowers.....	10	30		
HELICHRYSUM (Straw Flower). A. 2 to 3 ft. One of the best "everlasting" flowers. All colors				
HELIOTROPE . GS. 2 ft. Beautiful sprays of small flowers of exquisite perfume.	05	15		
HIBISCUS (Mallow). HP. 2 to 3 ft. Magnificent, large, saucer-shaped flowers of exquisite colors.				
Golden Bowl. Cream-color; flowers, 6 to 9 in.	05	20		
moscheutos roseus. Rose-pink.....	05	20		
palustris. Pink.....	05	20		
HÖLLYHOCK (Althaea). HP. 4 ft. Majestic spires of flowers of splendid colors.				
Chater's Superb Double. Mixed colors.....	10	50		
Allegheny. Semidouble; mixed; fringed.....	10	25		
HONESTY. See Lunaria.				
HORDEUM jubatum. See Grasses.				
HORN-OF-PLENTY. See Datura.				
HONEYSUCKLE. See Climbing Plants.				
HUMBLE PLANT. See Mimosa.				
HUMULUS Japonicus variegata (Japanese Hop). A. 20 to 30 ft. Rapid climber, with green and white foliage.....	05	75		
HYACINTHUS. See Bulbs.				
IBERIS. See Candytuft.				
ICE PLANT. See Mesembryanthemum.				
IMPATIENS (Sultan's Balsam). GS. 2 ft: A charming house plant, with dark green, shining foliage and bright flowers; always in bloom.				
Sultani. Rosy scarlet flowers.....	15	40		
Holstii. Bright scarlet flowers.....	15	65		
balsamina. See Balsam.				
IONOPSISIDIUM acacae (Diamond Flower). A. 3 in. Splendid rockery plant, with violet flowers.				
IPOMOEA (Evening-Glory). A. Climbing Vine. Rapid grower, with large flowers opening in the evening or on cloudy days.				
noctiflora (Moonflower). White.....	10	75		
grandiflora superba. Blue, with white margins.....	05	25		
Mexicana grandiflora alba. White.....	05	25		
Quamoclit. See Cypress Vine.				
IRIS (Flowering Flag). 2 ft. Most gorgeous of all the "Flags." Blooms second year from seed.				
Kaempferi (Japanese Iris). All colors.....	10	75		
Finest Mixture. Newest Japanese varieties..	10	1 00		
JACOBEAN LILY. See Amaryllis.				
JAPANESE HOP. See Humulus.				
JERUSALEM CHERRY. See Solanum.				
JERUSALEM CROSS. See Lychnis.				
JOB'S TEARS. See Grasses.				
KENILWORTH IVY. See Linaria.				
KOCHIA tricophylla (Summer Cypress, or Mexican Fire Bush). A. 3 ft. Forms a compact-like hedge, which turns deep red in autumn.....	Pkt.	Lge. Pkt.		
KIDZU VINE. See Pueraria.				
LADY'S EARDROP. See Fuchsia.				
LANTANA. GS. 2 ft. Verbena-like flowers in shades of yellow, and bronzy reds. Constantly in bloom.	Pkt.	Oz.		
Holmes' Mixed Hybrids. All colors.....	05	20		
Dwarf Mixed. All colors.....	10	20		
Tall Mixed. All colors.....	10	20		
LARKSPUR. See Delphinium.				
LATHYRUS latifolius (Perennial Pea). HP. Climbing Vine. Resemble sweet peas, but last for years. Mixed colors.....	10	30		
LAVATERA trimestris. A. 2 ft. Glossy foliage Pkt.				
and mallow-like red flowers.....	05	20		
LEMON VERBENA. See Citrodora.				
LINARIA cymbalaria (Kenilworth Ivy). GS. 3 to 6 ft. Trailing plant, with violet flowers. Fine for baskets and window boxes.....	05	30		
LOBELIA. Handsome garden plants; valuable for their blue and white flowers.				
ANNUAL Varieties:				
compacta alba. White; trailing.....	10	30		
compacta. Mixed colors.....	10	30		
Crystal Palace. Dwarf; blue; trailing.....	10	25		
Perennial Variety:				
cardinalis (Cardinal Flower). Rich cardinal-red.....	10	50		
LOVE-IN-A-MIST. See Nigella.				
LOVE-IN-A-PUFF. See Cardiospermum.				
LUNARIA biennis (Honesty; Satin Flower). B. 2 ft. Interesting garden plants, with purple flowers and curious, transparent seed-pods, Pkt.				Oz.
match used for winter decoration.....	05	40		
LUPINUS (Lupin). A. and HP. 2 ft. Splendid showy plants, bearing fine spikes of pea-shaped flowers of all colors.				
ANNUAL Varieties. All colors mixed.....	05	20		
Perennial Varieties. All colors mixed.....	10	30		
LYCHNIS Chalcedonica (Jerusalem Cross). HP. 2 ft. Fine, showy garden plants, with scarlet cross-shaped flowers in clusters.....	05	40		
MADAGASCAR PERIWINKLE. See Vinca.				
MALLOW. See Hibiscus.				
MARGUERITE. See Chrysanthemum.				
MARIGOLD (Tagetes). H.A. Favorite garden annuals in all shades of yellow, brown and red. Very free flowering; require sunny situation.				
Large African Varieties. 3 ft.				
Lemon Queen. 3 ft. Lemon-yellow.....	05	\$1 00		
Eldorado. 3 ft. Yellow; large.....	05	1 00		
Double Mixed. 3 ft. All shades.....	05	75		
French Varieties:				
Legion of Honor. 6 in. Yellow and brown.....	05	75		
Striped Single. 1 ft. Yellow and brown.....	05	50		
Brown-marbled. 1 ft. Red and brown.....	05	50		
Double Mixed. Tall, 18 in. Mixed.....	05	75		
Dwarf Striped. Dark brown.....	05	75		
MARIGOLD, POT. See Calendula.				
MARVEL OF PERU. See Mirabilis.				
MATRICARIA (Feverfew). H.A. 2 ft. Showy, double, white flowers; for bedding or pots....	05	40		
MATTIOLA. See Stocks.				
MAURANDYA. GP. 10 ft. Graceful climber, with foxglove-like flowers.				
Large-flowering Rose. New.....	05	25		
Dark Purple.	05	25		
Fine Mixed. All colors.....	05	25		
MIGNONETTE (Reseda). H.A. 1 to 1½ ft. Charming old-time favorite of exquisite perfume.				
Holmes' Giant Sweet-scented. Golden yellow; very fragrant.....	10	50		
Holmes' Dwarf Machet. Red; fragrant.....	05	75		
Allen's Defiance. Red; extra choice.....	05	75		
odorata grandiflora. Large and fragrant.....	05	15		
gigantea. Mixed colors.....	05	30		
Bismarck. Compact plant; large flowers.....	05	2 00		
Giant Pyramidal. Bright red.....	05	50		
Goliath. Red; extra large.....	05	1 50		
MESEMBRYANTHIUM (Ice Plant). A. 6 inches. For edging and baskets.				
crystallinum. Foliage icy in appearance.....	05	15		
tricolor (Wax Plant). Foliage feels icy.....	05	15		
MEXICAN FIRE BUSH. See Kochia.				
MIMOSA pudica (Sensitive Plant). A. 18 in. Purplish white flowers; leaves droop when touched.....	05	15		
MIMULUS. A. Peculiarly marked flowers.				
moschatus (Musk Plant). Mixed colors.....	05	30		
tigrinus (Monkey Flower). Resembles a monkey's face.....	05	30		
MIRABILIS Jalapa (Four-O'Clock; Marvel of Peru). A. Red and yellow flowers all summer, opening four o'clock.....	05	15		
MOMORDICA . H.H.A. Climbing, bearing yellow flowers and ornamental fruit of medicinal value.				
Balsamina (Balsam Apple). Yellow pods, scarlet seeds.....	05	30		
Charantia (Balsam Pear). Round, pear-shaped pods.....	05	30		
MONKEY FLOWER. See Mimulus.				
MONK'S HOOD. See Aconitum.				
MONTBRETIA. See Bulbs.				
MOURNING BRIDE. See Scabiosa.				
MORNING-GLORY (Convolvulus). A. Climbing. The old and well-known climbing vines.				
Rochester. Blue, with white eye.....	05	25		
True Japanese. Mottled and striped.....	05	25		
Fine Mixed. All colors.....	05	10		
tricolor, or minus. Blue; trailing.....	05	20		
MUSO PLANT. See Mimulus.				
MYOSOTIS (Forget-Me-Not). 6 in. Biennial Varieties. Bloom first year.				
alpestris, Victoria. Bright blue; large.....	10	30		
Eliza Fonrobert. Large; bright blue.....	10	20		
grandiflora alba. Large; white flowers.....	10	25		
grandiflora rosea. Large pink flowers.....	10	25		
palustris. True "Forget-Me-Not" blue.....	10	40		
Choice Mixed. All sorts and colors.....	05	20		
Perennial Varieties: Increase each year.				
dissitiflora. Deep blue flowers.....	10	40		
palustris semperflorens. Everblooming.....	10	30		
MYOSIPHYPNUM. See Smilax.				

MR. R. W. EDELBLUTE, Lewisberry, Pa., writes: Every seed I purchased from you this year has proved entirely satisfactory. I have been dealing with your house for many years, occasionally getting seed from other parties, but I decided to place my orders where I can get the best seed.



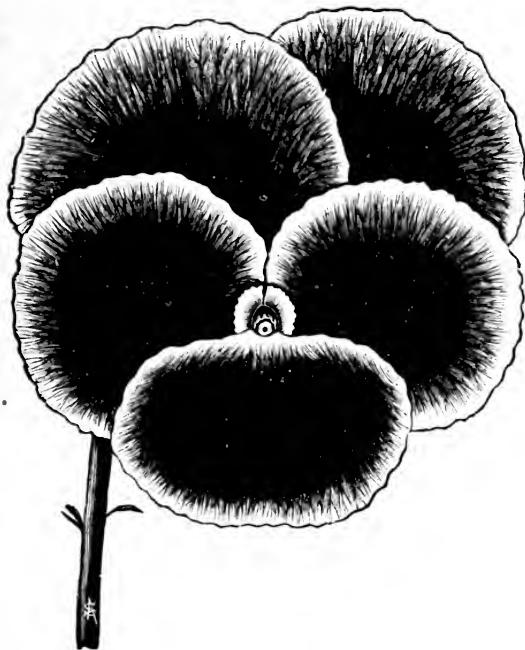
NASTURTIUM (*Tropaeolum*)

DWARF AND CLIMBING

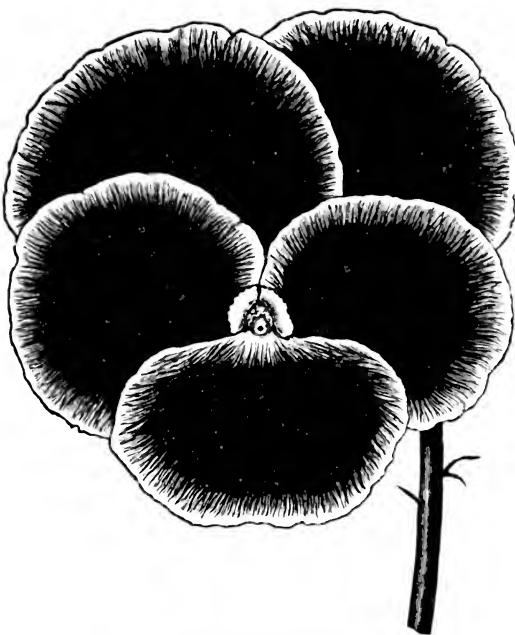
PRICES OF NASTURTIUMS IN QUANTITY, except Lilliput, Lobbianum, Ivy-leaved and Spencer varieties: $\frac{1}{4}$ lb. 25 cts., lb. 75cts.

This old favorite flower has been so wonderfully improved of late that the different varieties present an array of colors almost bewildering in their magnificence. They flower most profusely when the soil is not too rich. The climbing varieties form splendid screens, while the dwarf kinds are admirable for borders or in front of shrubbery.

Tall or Climbing Varieties:		Pkt.	Oz.			Pkt.	Oz.
900	Chameleon (Coquette). Splashed and bordered.	.05	10	980	Prince Henry. White, spotted scarlet.....	.05	15
901	Coccineum. Scarlet.....	.05	10	981	Ruby King. Ruby-red.....	.05	10
902	Coccineum fol. aureo. Yellow foliage.....	.05	10	982	Rudolph Virchow Scarlet. Brilliant.....	.05	15
903	Dunnett's Orange (Sunlight). Golden.....	.05	10	983	Spotted King. Dark-yellow, brown spots.....	.05	15
904	Edouard Otto. Lilac-brown.....	.05	10	984	Vesuvius. New. Salmon-rose.....	.05	15
905	Fordhook Fashion. Veined old rose.....	.05	15	985	Tom Thumb Varieties Mixed. All colors.....	.05	10
906	Hemisphaericum. Straw; rose blotched.....	.05	10	995	Queen of Tom Thumbs. Variegated foliage: Bright Rosy Scarlet. Very bright.....	.05	10
907	Jupiter. Golden yellow.....	.05	10	996	Brilliant Crimson. White veins.....	.05	15
908	Pearl (Moonlight). Creamy white.....	.05	10	997	Chameleon. Variable colors.....	.05	15
909	Vesuvius. Salmon-rose.....	.05	10	998	Crystal Queen. Orange, blotched.....	.05	10
910	Finest Mixed Tall Varieties. All colors.....	.05	10	999	Deep Orange-Scarlet. New. Brilliant.....	.05	10
Lobb's Climbing Varieties. Lobbianum.				1000	Golden Yellow. Handsome.....	.05	10
920	Asa Gray. Cream-yellow.....	.05	15	1001	Sulphur-Yellow. Very refined.....	.05	10
921	Black Princess. New. Dark maroon.....	.05	20	1002	Queen of Tom Thumbs Mixed.....	.05	10
922	Brilliant. Bright scarlet.....	.05	15	Tom Thumb Spencer Varieties:			
923	Crown Prince of Prussia. Dark blood-red.....	.05	15	1012	David Burpee. Velvety purple-scarlet.....	.05	25
924	Firefly. Orange-yellow.....	.05	15	1013	Lady Bird. Orange; dark foliage.....	.05	25
925	Primrose Cream-White. Maroon spotted.....	.05	15	1014	Riemke Groot. Bright scarlet.....	.05	25
926	Princess Victoria Louise (Margaret). Cream-white, spotted and veined scarlet.....	.05	15	1015	Spencer Mixed. All colors.....	.05	15
927	Queen Alexandra. Blood-red; variegated.....	.05	15	1025	NEMOPHILA insignis (Love Grove). A. 1 ft. Border plants bearing a profusion of cup-shaped flowers, all colors.....	.05	15
928	Queen Dowager Emma. Crimson; variegated.....	.10	25	1030	NICOTIANA affinis (Flowering Tobacco). T.P. 3 ft. Showy plants, with broad foliage and fragrant white flowers.....	.05	15
929	Queen of the Morning. New. Scarlet.....	.10	25	1035	NIEREMBERGIA frutescens (Cup Flower). T.P. 1 ft. Bedding plant, with white flowers tinted lilac.....	.05	20
930	Queen of the North. Yellow; variegated.....	.10	25	1040	NIGELLA Damascena (Love-in-a-Mist). A. 1 ft. Quaint blue flowers surrounded by finely cut foliage, forming a misty effect.....	.05	15
931	Queen of Spain. Golden yellow; variegated.....	.10	25	1045	OENOTHERA (Evening Primrose). A. 2 to 3 ft. Shrubby plants, bearing a great profusion of brightly colored flowers opening as the sun goes down. Mixed colors.....	.05	15
932	Queen Wilhelmina. Scarlet; variegated.....	.10	25				
933	Rudolph Virchow. Soft, rosy pink.....	.05	15	PANSIES			
934	Spitfire. Fiery scarlet.....	.05	10	See Page 47			
935	Finest Mixed Lobbianum Varieties. All colors.....	.05	10	1164	PASSIFLORA caerulea (Passion Vine). T.P. 8 to 10 ft. Interesting vine, with blue, wax-like flowers.....	Pkt.	Lge. Pkt.
Lobbianum Lilliput Hybrids:				1164	8 to 10 ft. Interesting vine, with blue, wax-like flowers.....	.05	25
940	Fairy King. White and dark rose.....	.05	20	PETUNIAS. These are among the most easily grown of all garden annuals and furnish a magnificent succession of brilliant flowers.			
941	Fairy Queen. Yellow, turning to brown.....	.05	20	1170	New Fimbriata, Canary Bird. Beautifully fringed flowers of distinct yellow, deeper in throat.....	Pkt.	Oz.
942	Lady Cherry. Dark wine-red.....	.10	25	1171	Holmes' Defiance. Extra large; all colors....	15	\$1 75
943	Othello. New. Deep red.....	.05	20	1172	New Star. Perfect star in center; all colors....	10	1 25
944	Queen of Holland. Light yellow to purple....	.10	20	1173	Holmes' Fancy Fringed. All colors....	10	1 00
945	Rubin. Ruby-red.....	.05	20	1174	Double Giant. Large, 250 seeds, \$1.75....	25	1 00
946	Snow Queen. New. Cream-white.....	.10	25	1175	Hybrids, Finest Mixed, oz., \$1.....	05	
947	Finest Mixed of above. All colors.....	.05	15				
Lobbianum Ivy-leaved Sorts:							
960	Emma Alida. Yellow and orange; laciniated.....	.10	25				
961	Mourning Bride. Velvet crimson.....	.10	25				
962	Prinzessin Juliana. Gold-orange; deeply cut.....	.10	25				
963	Finest Mixed Ivy-leaved. All kinds and colors.....	.10	20				
Tom Thumb, or Dwarf Varieties:							
970	Aurora. Terra cotta.....	.05	10				
971	Bronze. Splendid form.....	.05	10				
972	Chameleon. Cream-white, spotted scarlet.....	.05	15				
973	Golden Blotched. With scarlet blotch.....	.05	10				
974	Golden Midnight. Dark purple.....	.05	10				
975	Golden Queen. Golden yellow.....	.05	10				
976	Golden Rose. Pink.....	.05	10				
977	King of Tom Thumbs. Bright scarlet.....	.05	10				
978	Lady Bird. Orange, spotted scarlet.....	.05	15				
979	Pearl (Moonlight). Cream-yellow.....	.05	15				



Bugnot's Exhibition



Cassier's Very Large-flowered Blotched

PANSIES

For a number of years we have been selling our **Superb Mixtures of Different Varieties of Pansies**, and, without a single exception, we have had the most flattering reports on the many beautiful varieties and colors never before seen by our customers in other mixtures, obtained elsewhere. We give a complete list of the different varieties in the mixtures that we are handling, and which include all the varieties obtainable from the best growers in Germany and other countries.

		Pkt.	Oz.
1046	Holmes' Non Plus Ultra. The richest mixture ever sent out, and containing the Blotched and Masterpiece varieties in greatest proportion; very effective.....	25	\$10 00
1047	Large-flowered Parisian. Mostly light colors; very gay and pretty.....	10	2 00
1048	Giant French Large-stained. Beautiful and very effective.....	10	2 25
1049	Princess. New, quite compact, upright-growing weatherproof class of Pansies, mostly blotched, and some frilled flowers; very valuable.....	15	8 00
1050	Holmes' Triumph of the Giants. Robust, compact-growing plants; flowers enormous in size, of rich and rare colors.....	15	8 00
1051	Holmes' Mammoth Five-blotched. Magnificent extra-large flowers, superbly marked.....	10	5 00
1052	Holmes' Giant Masterpiece. Enormous flowers, 4 inches across, with ruffled edges and distinct colors and markings.....	10	7 00
1053	Bugnot's Giant Spotted. Color radiates on margin of petals; beautifully spotted.....	10	5 50
1054	Mme. Perret. Great American Giant, "Red, White and Blue".....	10	3 00
1055	Odier Five-spotted Beauties. Of perfect form and wondrous beauty.....	10	3 60
1056	Goliath Cattleya Orchid-flowered. Exquisite.....	10	3 50
1057	Giant Trimardeau. Enormous in size and great variety of colors.....	10	2 00
1058	Trimardeau Giant Spotted Parisian. Extra large; gorgeous colors.....	10	2 50
1059	Cassier and Trimardeau Mixture. Superb mixture of large flowers.....	10	2 25
1060	Very Fine Mixture, composed of all the separate varieties. Remarkably showy.....	10	1 25
1061	Holmes' Large-flowering, Mixed (Butterfly Mixture).....	10	2 00
1062	English Pansies, Mixed (the old "Faced Pansy"). Plants of compact habit.....	10	2 00
1063	French Faced, Mixed.	10	2 00
1064	Cassier's Very Large-flowered Blotched. The largest flowered class of Blotched Pansies. Our famous, very showy and especially rich strain; quality unsurpassed.....	10	3 50
1065	Bugnot's Superb Blotched. A very beautiful class. Large flowers, with broad blotches, many having the two upper petals finely lined; great variety of handsome and rare colors.....	10	3 50
1066	Bugnot's Exhibition. Saved from best selected plants. An incomparable strain, producing many beautiful and rare varieties.	15	8 00
1067	Bugnot's Dark Brown Shades.	15	8 00

1068	Raphael (Benary). New; blue veins and dark violet spots on white ground; beautiful varieties.....	Pkt.	Oz.
1070	Auricula-flowered, Prince Bismarck. Light blue, striped rosy lilac.....	25	\$10 00
1071	King of Blacks. Violet-blue.....	10	1 50
1072	Giant Cassier, Hortensia Red. New.....	10	1 50
1073	Giant Marmorata. Marbled on purple, red and crimson ground.....	10	3 00
1074	Odier Five-spotted Yellow. Magnificent.....	10	2 50
1075	Odier Five-spotted White. Extra fine.....	10	6 00
1076	Psyche. Velvety violet on white; curled.....	10	6 00
1077	Giant Vulcan. Dark red; five black blotches.	15	7 00
Giant Trimardeau, separate colors:			
1087	Adonis. Light blue.....	10	2 00
1088	Atropurpurea. Dark purple.....	10	2 00
1089	Fire King. Brilliant yellow and purple.....	10	2 00
1090	Canary Bird. Golden yellow.....	10	2 00
1091	Indigo-Blue. Very rich color.....	10	2 00
1092	Emperor William. Ultramarine-blue.....	10	2 00
1093	Lord Beaconsfield. Purple and lavender.....	10	2 00
1094	Peacock. Blue, edged white.....	10	2 00
1095	White with Eye. Black center; showy.....	10	2 00
1105	Crimson King. Very brilliant.....	10	2 25
1106	Mauve Queen. Dainty mauve.....	10	2 25
1107	Snowflake. Dazzling white.....	10	2 25
PHLOX Drummondii. 6 in. to 1 ft. Among the best of all garden plants, producing masses of flowers of dazzling colors constantly all summer.			
Annual Varieties:			
1185	Holmes' Large-flowering. Mixed colors.....	10	75
1186	Starred and Fringed. Charming in shape; all colors.....	10	75
1187	Meteor. Brilliant scarlet.....	05	75
1188	alba. White flowers.....	05	80
1189	Apricot. Beautiful shades.....	05	2 50
1190	Shell-pink. Very dainty.....	05	75
1191	Dwarf Compact. All colors.....	05	1 40
1192	Splendid Mixed. All colors and kinds.....	05	50
Perennial Variety:			
1200	decussata. 2 ft. All colors; flowers in splendid panicles.....	05	1 50
1210	PHYSOSTEGIA denticulata (False Dragon head). P. 3 to 4 ft. Spikes of tubular flowers of all colors.....	Pkt.	Lge. Pkt.
		10	20
PINKS. See Dianthus and Carnations.			
PLATYCODON (Chinese Bellflower). HP. 2 ft. Splendid hardy garden plants bearing beautiful blue and white bell-shaped flowers in profusion.			
1215	grandiflorum. Blue; large flowers.....	05	15
1216	grandiflorum album. White flowers.....	05	15
1217	Japonicus fl. pl. (Double Japanese Bellflower). Deep blue.....	15	40

POCKET FLOWER. See <i>Calceolaria</i> .				
POPPIES (<i>Papaver</i>). Brilliant and showy garden flowers, growing freely from seed. Sow where intended to bloom, as they will not stand transplanting.				
Annual Varieties, Single:				
1225 Brilliant. Dazzling red.....	Pkt.	Oz.		
1226 Danebrog. Scarlet; silver white spot.....	05	30		
1227 Dwarf Shirley. Beautifully variegated.....	05	25		
1228 Maid of the Mist. White; fringed.....	05	30		
1229 Japanese Dwarf. Mixed colors.....	05	30		
1230 Tulip-flowered. Mixed colors; tulip-shaped.....	05	50		
Annual Varieties, Double:				
1240 Cardinal. Hybrids; scarlet; enormous size.....	05	20		
1241 Golden Gate. All colors; magnificent.....	05	20		
1242 Improved Carnation-flowered. Fringed flowers; all colors.....	05	20		
1243 Peony-flowered. Splendid flowers; all colors.....	05	25		
Perennial Varieties:				
1250 Oriental Giant. Enormous; brilliant.....	05	75		
1251 bracteatum. Brilliant scarlet, black spot.....	05	\$1 00		
1252 nudicaule (Iceland Poppy). Brilliant.....	20	75		
1253 Mixed Hybrids. Gorgeous large flowers.....	10	1 00		
POPPY MALLOW. See <i>Callirhoe</i> .				
PORTULACA. A. Trailing. Forms a brilliant display of many-colored flowers, surmounting peculiar heavy foliage. Sow where they are to bloom when ground is warm.				
1263 Finest Single Mixed. All colors.....	Pkt.	Lge. Pkt.		
1264 Double Rose-flowered Mixed. All colors.....	05	15		
PRIMULA (<i>Primrose</i>). 6 in. to 2 ft. Most beautiful greenhouse and garden plants, with dainty flowers of all colors. Our seed is saved from the finest specimens and is unexceptionally pure.		50		
Fringed Chinese Varieties:				
1270 Holmes' Prize Mixture. Contains only the very finest varieties. Seed selected from prize-winning plants.....	25	75		
1271 alba magnifica. White, with yellow eye.....	35	75		
1272 Brilliant Red. Magnificent color.....	35	75		
1273 Holborn Blue. Brilliant shade.....	35	75		
1274 Kermesina splendens. Crimson.....	35	75		
1275 Rosy Morn. Tender pink.....	35	75		
Obconica gigantea Varieties:				
1280 lilacina. Pale lilac.....	20	65		
1281 rosea. Brilliant pink.....	20	65		
1282 Kermesina. Bright crimson.....	20	65		
1283 alba. Pure white.....	20	65		
1284 Hybrids, Mixed. All colors.....	20	65		
Obconica grandiflora Varieties:				
1290 compacta. Dwarf; rosy lilac.....	25	65		
1291 fimbriata. Fringed; all colors.....	10	65		
1292 Vesuvius. Dark crimson.....	25	65		
Miscellaneous Varieties:				
1297 Buttercup. New. Yellow; for pots.....	25	65		
1298 Forbesi (Baby Primrose). Rosy lilac.....	25	65		
1299 malacoidea. New. Lilac; in clusters.....	25	65		
Hardy Varieties:				
1304 cortusoides Sieboldii. Mixed colors; for garden or pots.....	15	65		
1305 veris (English Cowslip). Mixed colors; old and well known.....	10	20		
1306 vulgaris (English Primrose). Canary yellow. The common hardy Primrose of gardens.....	10	40		
1310 PUERARIA Thunbergiana (Kudzu Vine). HP. Climber. The fastest growing vine known. Immense heart-shaped leaves and purple pea-shaped flowers.....	05	30		
PURPLE FOUNTAIN GRASS. See <i>Grasses</i> .				
1315 PYRETHRUM roseum. HP. 2 ft. Rose-colored, daisy-like flowers.....	10	25		
QUAKING GRASS. See <i>Grasses</i> .				
RED-HOT POKER. See <i>Tritoma</i> .				
RESEDA. See <i>Mignonette</i> .				
RICHARDIA (<i>Calla</i>). See <i>Bulbs</i> .				
RICINUS (<i>Castor-Oil Plant</i>). A. 6 to 12 ft. Magnificent foliage plants with enormous leaves and clusters of beans.				
1320 Holmes' Giant. Enormous brown leaves. 15 ft.....	Pkt.	Oz.		
1321 Zanzibariensis. Very large leaves, varying from light green to purplish red. 10 ft.....	10	50		
1322 Borboniensis. 15 ft. Tall; green leaves.....	05	15		
1323 Mixed. All kinds and colors.....	05	15		
ROSES, All Kinds. See <i>Hardy Roses</i> .				
ROSE CAMPION. See <i>Agrostemma</i> .				
1328 ROSEMARINUS officinalis (<i>Rosemary</i>). HP. 2 ft. Shrub-like plant, with fragrant foliage and blue flowers. Yields aromatic oil.....	Pkt.	Lge. Pkt.		
RUDBECKIA (<i>Coneflower</i>). HP. 2 to 3 ft. Strong-growing plants, bearing great numbers of ray flowers on long stems.				
1333 laciniata (Golden Glow). Bright yellow.....	05	20		
1334 purpurea. Reddish purple, brown disc.....	05	20		
1335 superba. Yellow with brown disc.....	05	15		
SALPIGLOSSIS (<i>Velvet Flower</i>). HHA: 18 in. Beautiful orchid-like flowers, exquisitely marked and veined.				
1340 Emperor. New. Wondrous gold-veined flowers in clusters.....	05	40		
1341 superbissima variabilis. New. Many colors, veined with gold.....	05	30		
1342 Mixed Hybrids. All colors and markings.....	05	25		
SALVIA (<i>Flowering Sage</i>). HHA. Most showy of all garden flowers, bearing great masses of brilliantly colored blossoms in spikes.				
1347 Bonfire (Clara Bedman). Scarlet.....	10	30		
1348 Ball of Fire. Dwarf; early; scarlet.....	15	40		
1349 splendens (Scarlet Sage). Brilliant.....	05	30		
1350 Zurich. Crimson-scarlet; dwarf.....	15	40		
SAND VERBENA. See <i>Abronia</i> .				

SATIN FLOWER. See *Godetia*.**SCABIOSA** (*Mourning Bride*). HHA. 2 ft. Easily grown garden plants.

	Pkt.	Lge.	Pkt.
1355 Double Black. Black-purple.....	05		15
1356 Dwarf Double Mixed. All colors.....	05		15

SCARLET SAGE. See *Salvia*.

1360 SCHIZANTHUS Wisetonensis (Butterfly Flower). HHA. 18 in. Orchid-like flowers of all colors.....	05	65
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SENSITIVE PLANT. See *Mimosa*.

1365 SMILAX (Myrsiphyllum asparagoides). GP. Climbing. Delicate greenhouse climber, with heart-shaped leaves.....	10	5
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SNAPDRAGON. See *Antirrhinum*.

1370 SOLANUM capsicatum (Jerusalem Cherry). GP. 1 ft. Handsome pot-plant for the house, with yellow flowers followed by scarlet cherry-like seed-pods.....	05	40
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1375 SOLIDAGO Canadensis (Goldenrod). HP. 3 ft. The well-known wild flower of autumn, with golden plumes.....	05	50
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SPEEDWELL. See *Veronica*.**SPIDER PLANT.** See *Cleome*.

1380 STOKESIA Cyannea (Stokes Aster). HP. 1 1/2 to 2 ft. Splendid aster-like flowers of pale blue. Always in bloom.....	10	\$2 50
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STRAW FLOWER. See *Helichrysum*.

1386 STOCKS. Ten weeks (Matthiola; Cut-and-Come-Again). HHA. 1 to 1 1/2 ft. Old favorites of the garden, with splendid spikes of fragrant flowers of all colors.	10	50
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EMPEROR. Extra large; mixed colors.....

1387 SUMMER HYACINTH. See Bulbs.	10	60
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SUNFLOWER. See *Helianthus*.**SWAN RIVER DAISY.** See *Brachycome*.**SWEET ALYSSUM.** See *Alyssum*.**1390 NEW RED SUNFLOWER**

The plants grow strong and sturdy to a height of 7 to 9 feet—according to the richness of the soil and the sunny warmth of location—producing several large flowers of refined form, the rays wide and long, the disc or center, small. The coloring varies from golden-yellow, splashed with red, to nearly all red, but the great majority will be Gaillardia colored, that is a wide or narrow zone of red surrounds the purplish-black center, the ends or tips of the petals being of a rich golden-yellow color; this combination is very rich and effective. Of course a small proportion of the plants may produce all yellow flowers, but even these will be showy and desirable.

The seed may be sown in the open ground when warm enough—or it may be started in the house or hotbed. The plants commence flowering in about eight weeks from seed sowing, and should stand not nearer than three feet apart for best development.

Price, per Packet, 15c.

**SWEET PEAS**

All our strains of Sweet Peas are grown especially for us by one of the best experts in the country, and we can recommend them as being absolutely fresh and true to name. The new types listed below will be a revelation to the lover of Sweet Peas, as they are of size, color and form never dreamed of before by the enthusiast.

BEST SPENCER VARIETIES

	Pkt.	Oz.	1/4 lb.	Lb.
1400 Primrose Spencer	05	40	\$1 25	\$4 00
DEEP ROSE, or PINK SHADES	05	25	75	2 50
1406 Beatrice Spencer	05	25	75	2 00
1407 George Herbert	05	35	1 00	3 50
1408 Helen Lewis	05	40	1 25	4 00
LIGHT PINK SHADES	05	40	1 25	4 00
1415 Blanche Ferry Spencer	05	25	75	2 50
1416 Countess Spencer	05	25	75	2 50
1417 Mrs. Routzahn Spencer	05	40	1 25	4 00
MAROON SHADES	05	35	1 00	3 00
1420 Othello Spencer	05	40	1 25	4 00
WHITE SHADES	05	40	1 25	4 00
1425 White Spencer. Pure white.....	05	40	1 25	4 00
1430 Holmes' Superb Spencers, Mixed. All colors.....	05	35	1 00	3 00

SWEET PEAS—continued

UNWIN WAVED VARIETIES

	LAVENDER SHADES	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
1435	Frank Dolby	.05	35	\$1.00	\$3.00
	LIGHT PINK SHADES				
1440	Gladys Unwin	.05	20	50	1.50
	ROSE-PINK SHADES				
1445	Phyllis Unwin	.05	25	75	2.00
	WHITE SHADES				
1450	Nora Unwin. Pure white	.05	25	75	2.00
1455	Holmes' Superb Unwin's Mixed. All colors	.05	20	50	1.50

LARGE-FLOWERING GRANDIFLORA TYPES

This list contains the best of the standard Sweet Peas, with large, expanded or hooded petals.

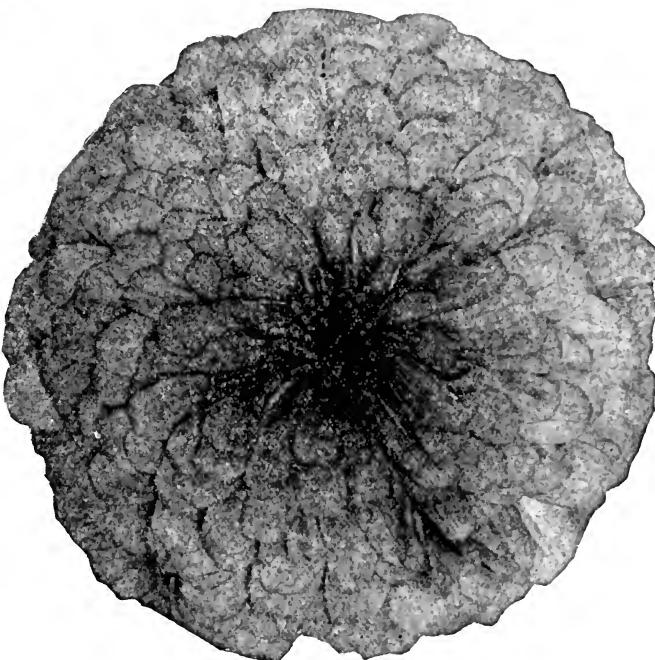
	DARK BLUE SHADES	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
1460	Navy Blue	.05	15	40	\$1.00
	DEEP PINK SHADES				
1465	Coccinea	.05	15	40	1.00
1466	Janet Scott	.05	25	75	2.00
	LAVENDER AND BLUE SHADES				
1470	Countess of Cadogan	.05	15	35	.75
1471	Helen Pierce	.05	20	50	1.50
1472	Mrs. Walter Wright	.05	15	35	.75
	LIGHT PINK SHADES				
1480	Agnes Eckford	.05	20	50	1.50
1481	Blanche Ferry	.05	15	40	1.00
1482	Blanche Ferry, Extra Early	.05	15	40	1.00
1483	Katherine Tracy	.05	15	40	1.00
1484	Lovely	.05	15	40	1.00
1485	Prince of Wales	.05	15	40	1.00
	MAROON SHADES				
1490	Black Knight	.05	15	40	1.00
1491	Othello	.05	15	40	1.00
	ORANGE SHADES				
1500	Henry Eckford	.05	15	40	1.00
1501	Miss Willmott	.05	15	35	.75
	PRIMROSE SHADES				
1505	Hon. Mrs. E. Kenyon	.05	15	35	.75
	RED SHADES				
1510	America	.05	15	40	1.00
1511	George Gordon	.05	15	35	.75
1512	King Edward VII	.05	15	40	1.00
1513	Queen Alexandria	.05	15	40	1.00
	VIOLET AND PURPLE SHADES				
1520	Duke of Westminster	.05	15	40	1.00
	WHITE SHADES				
1525	Blanche Burpee. Pure white	.05	15	40	1.00
1526	Dainty	.05	15	40	1.00
1527	Dorothy Eckford. Pure white	.05	15	40	1.00
1528	Lottie Eckford	.05	15	40	1.00
1529	Phenomenal	.05	15	40	1.00
1535	Holmes' Superfine Mixture. All colors	.05	15	40	1.00

FOR CHRISTMAS FORCING

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
1540	Burpee's Early White	.05	25	.75
				\$2.00
1541	Christmas Meteor. Scarlet	.05	25	.75
				2.00
1542	Christmas Pink	.05	25	.75
				2.00
1543	Earliest of all. Pink and white	.05	25	.75
				2.00
1544	Mont Blanc. Pure white	.05	25	.75
				2.00
1545	Mrs. C. H. Totty. Pale mauve	.05	25	.75
				2.00
1546	Mrs. E. Wild. Bright rose	.05	25	.75
				2.00
1547	Mrs. G. Lewis. Pure white	.05	25	.75
				2.00
1548	Mrs. Wm. Sim. Salmon-pink	.05	25	.75
				2.00
1555	Holmes' Christmas. Mixed. All colors	.05	15	50
				1.50

	SWEET ROCKET. See Hesperis.			
	SWEET SULTAN. See Centaurea.			
	SWEET WILLIAM. See Dianthus.			
	TAGETES. See Marigold.			
	TASSEL FLOWER. See Cacalia.			
	TOUCH-ME-NOT. See Impatiens.			
1560	THUNBERGIA (Black-eyed Susan). A. Climber. Bears a profusion of flat white, yellow and orange flowers, with bold black centers	.05		Lge. Pkt. 20
1563	TRITOMA (Flame Flower; Red-Hot Poker). T.P. 3 ft. Long, compact spikes of orange-scarlet flowers. Brilliant and showy	10		30
	UMBRELLA PLANT. See Cyperus.			
	VELVET FLOWER. See Salpiglossis.			
	VERBENA. HA. 1½ to 2 ft. The well-known old favorites of the garden, with flat clusters of fragrant flowers of all colors. Always in bloom.	Pkt.	Oz.	
1565	Extra Choice Mixed. Specially selected seed.	.05	\$1.50	
1566	Holmes' Mammoth. Extra large mixed	10	1.50	
1567	Scarlet Defiance. Brilliant color	.05	2.00	
1568	Pure White. Very choice	.05	2.00	
1569	Blue with White Eye. Extra fine	.05	2.00	
1570	Blood-Red, White Center	10	2.00	
1571	Auricula-flowered. Mixed colors	15	2.00	

1581	VERONICA spicata (Speedwell). HP. 18 in. Pkt.	Lge. Pkt. 30
	Fine border plant; long spikes of blue flowers.	
1582	VINCA (Madagascar Periwinkle). I.P. 1 ft. Dwarf bedding plants, with glossy green foliage and dainty flowers.	
1586	alba. White with rose eye	10 20
1587	alba pura. Pure white	10 20
1588	rosea. Rose with dark eye	10 20
1589	Mixed. All colors	10 20
	VIOLET, Sweet-scented (Viola odorata). TP. 6 in. The favorite fragrant flowers, blooming all season. Seed germinates slowly.	
1595	Single Blue Czar. Dark blue	Pkt. Lge. Pkt. 40
1596	Single White Czar. Large; white	10 40
1597	Single Mixed. Both colors	10 40
	VIRGIN'S BOWER. See Clematis.	
	WALLFLOWER (Cheiranthus). TP. 18 in. Handsome garden plant, bearing spikes of fragrant flowers.	
1605	Fine German, Double. All colors; selected seed	20 40
1606	Single Mixed. All colors; brilliant	05 15
	WAX FLOWER. See Mesembryanthemum.	
	WILD CUCUMBER. See Echinocystis.	
	WIND FLOWER. See Anemone.	
	WISTARIA. See Climbing Plants.	
1616	XERANTHEMUM (Everlasting Flower). A. 2 ft. Interesting plants bearing peculiar straw-like flowers; fine for winter decorations. Double mixed	05 15
	YARROW. See Achillea.	



Holmes' Improved Giant Large-flowering Double Zinnias

ZINNIA (Youth and Old Age). A. Favorite garden flowers; among the easiest to grow and bloom.

1626	Mammoth (Robusta Plenissima). Flowers of mammoth size, perfectly formed, very double and of striking colors; a fine strain; 2½ feet.	Pkt. Oz.
1627	Flesh-pink. Delicate shade	1/4 oz., 25 cts.
1628	Crimson. Very rich	1/4 oz., 35 cts.
1629	Canary. Clear yellow	1/4 oz., 35 cts.
1630	Jacqueminot. Rich crimson scarlet	1/4 oz., 35 cts.
1631	Purple	1/4 oz., 35 cts.
1632	Scarlet. Bright and fiery	1/4 oz., 35 cts.
1633	White. Pure white	1/4 oz., 35 cts.
	Dwarf Varieties; 18 in.:	
1634	Snowball. Pure white	05 75
1635	Fireball. Brilliant red	05 75
1636	Pompon. Smaller flowers, all colors	05 75
1637	Mixed. All kinds and colors	05 60

The Coniferous Evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in masses, the light green, golden or silver-blue colors of their foliage are beautiful, winter and summer alike. Evergreen trees require no care, but to give best results should be planted carefully. The bare roots should not be exposed to the sun or wind for they will quickly dry out and make it harder for the tree to become established. Plant some evergreen trees this year.

We offer below a short but select list of the hardiest and easiest grown varieties. There are many other kinds not listed here. If you want some we can get them for you. Give us your order. We will do business to your satisfaction.

Abies. Firs

A. BALSAMEA. (FRAZERS' FIR.) A hardy rapid growing evergreen of slender habit. Foliage is silvery green, emitting a pungent odor when bruised.

	Each	Per 10
3 to 4 feet.....	\$2 25	\$19.25
5 to 6 feet.....	4 50	38 50
6 to 7 feet.....	5 50	49 50
7 to 8 feet.....	6 50	55 00

A. CONCOLOR. (WHITE FIR.) Stately, graceful tree growing to considerable height. The foliage is deep silvery green and quite dense.

	Each	Per 10
2 to 2½ feet.....	\$3 75	\$33 00
2½ to 3 feet.....	4 50	41 25
3 to 3½ feet.....	5 50	49 50
3½ to 4 feet.....	6 50	55 00
4 to 5 feet.....	8 25	

A. DOUGLASI; syn., PSENDOTSUGA MUCRONATA. (DOUGLASS SPRUCE.) A tall, stately tree of uniform pyramidal outline. Foliage is bluish green, drooping slightly from the numerous pendulous branches. A very hardy tree of great beauty in specimen planting.

	Each	Per 10
2 to 3 feet.....	\$2 00	\$16 00
3 to 4 feet.....	2 75	25 00
4 to 5 feet.....	4 25	34 00

A. NORDMANNIANA. (NORDMANN'S SILVER FIR.) Grows to medium size, possessing a symmetrical form. Branches are horizontal and the foliage is sea-green.

	Each	Per 10
1½ to 2 feet.....	\$2 00	\$16 50
2 to 2½ feet.....	2 75	22 00
2½ to 3 feet.....	3 75	33 00
3 to 4 feet.....	5 50	49 50

A. VEITCHII. (VEITCH'S SILVER FIR.) A slender tree of variable height. Leaves are whitish blue on the under surface and green on upper side. A handsome tree for specimen planting.

	Each	Per 10
2 to 3 feet.....	\$2 75	\$22 00
3 to 4 feet.....	3 75	33 00
5 to 6 feet.....	8 25	71 50

Cupressus. Cypress

CUPRESSUS LAWSONIANA. (LAWSON'S CYPRESS.) A very beautiful tree with graceful spread. The feathery branches are covered with silvery gray foliage.

	Each	Per 10
1½ to 2 feet.....	\$1 25	\$8 75
2 to 2½ feet.....	1 75	13 75
2½ to 3 feet.....	2 75	22 00

C. VEITCHII GLAUCA. (VEITCH'S GOLDEN CYPRESS.)

Somewhat like the preceding, except the foliage, which is a distinct shade of greenish yellow. Very beautiful in specimen plantings.

	Each	Per 10
1½ to 2 feet.....	\$1 75	\$15 00
6 to 7 feet.....		11 00

 Abies Concolor (White Fir)

Juniperus. Juniper

JUNIPERUS CANADENSIS AUREA; syn., DOUGLASI. (DOUGLAS DWARF GOLDEN JUNIPER.) A low tree of spreading habit. Foliage is yellowish in summer, turning to brown in winter. An excellent evergreen for mass planting.

	Each	Per 10	Each	Per 10
1 to 1½ feet.....	\$1 50	\$11 00	2 to 2½ feet.....	\$2 25
1½ to 2 feet.....	1 75	13 75	2½ to 3 feet.....	2 75

J. COMMUNIS HIBERNICA. (IRISH JUNIPER.) A handsome tree of compact conical form. The branches grow erect and are densely covered with deep green leaves. Excellent for formal plantings on either the lawn, landscape or in cemeteries.

	Each	Per 10	Each	Per 10
2 to 3 feet.....	\$1 10	\$8 25	3 to 4 feet.....	\$1 25
				\$11 00

J. SABINA. (SAVIN JUNIPER.) A low-growing bushy tree, with beautiful deep green foliage.

	Each	Per 10	Each	Per 10
1½ to 2 feet.....	\$1 50	\$11 00	2½ to 3 feet.....	\$2 75
2 to 2½ feet.....	1 75	15 00		\$22 00

J. VIRGINIANA. (COMMON RED CEDAR.) A well known tree planted largely in all parts of the country. Foliage is bright green in summer, turning to bronze in winter.

	Each	Per 10	Each	Per 10
3 to 4 feet.....	\$2 75	\$24 75	5 to 6 feet.....	\$5 50
4 to 5 feet.....	3 75	33 00		\$49 50

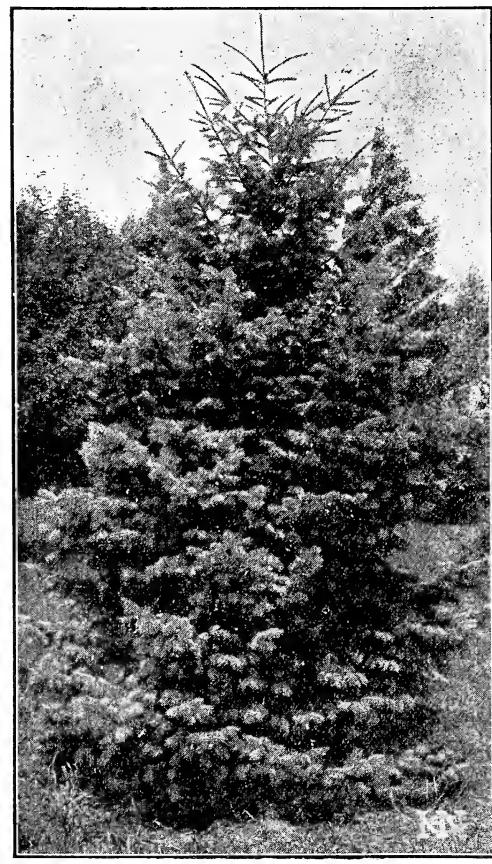
Picea. Spruce

PICEA ALBA. (WHITE SPRUCE.) A compact tree of medium size. Foliage is silvery green and not very dense. This tree is suited for planting almost anywhere, as it withstands cold weather, and is not seriously affected by the smoke and dust of cities.

	Each	Per 10	Each	Per 10
2 to 3 feet.....	\$1 00	\$8 00	5 to 6 feet.....	\$5 00
3 to 4 feet.....	2 25	16 00	6 to 7 feet.....	6 75
4 to 5 feet.....	3 25	27 50	7 to 8 feet.....	8 25

P. EXCELSA. (NORWAY SPRUCE.) A hardy tree, perhaps the best known of all Spruces. Grows to about 45 feet; branches arranged symmetrical; foliage dark green. Like the White Spruce it is valuable in all kinds of plantings.

	Each	Per 10	Each	Per 10
1½ to 2 feet.....	.75	\$5 50	6 to 7 feet.....	\$5 50
2 to 3 feet.....	\$1 00	8 00	7 to 8 feet.....	7 75
3 to 4 feet.....	1 75	14 75	8 to 10 feet.....	11 00
4 to 5 feet.....	2 75	22 00	10 to 12 feet.....	13 00
5 to 6 feet.....	4 50	33 00		\$11 00

 Abies Douglassi (Douglas Fir)



Picea Pungens Glauca Kosteri (Koster's Blue Spruce)

P. PUNGENS GLAUCA KOSTERI. (KOSTER'S BLUE SPRUCE.) Considered the handsomest of all ornamental evergreens. The tree is symmetrical in form, and the foliage is a very distinct blue. When used as a specimen it is the most conspicuous tree on the grounds. If several specimens are grouped in front of darker foliaged trees, they attain their greatest beauty, becoming one of the most distinct and beautiful objects in the landscape.

	Each	Per 10
2 to 2½ feet.....	\$ 2 75	\$ 24 75
2½ to 3 feet.....	4 50	41 25
3 to 4 feet.....	5 50	52 25
4 to 5 feet.....	8 25	77 00
4 to 5 feet (broad specimens).....	13 75	110 00
5 to 6 feet.....	16 50	137 50
6 to 7 feet.....	19 25	165 00

P. CANADENSIS. (BLACK HILL SPRUCE.) No matter where you are located you will find in the Black Hill Spruce a tree of rare value. For windbreaks it is at the top of the list—hardy, perfect in shape, compact and windproof. To appreciate its value one must see it as it grows in its natural range.

	Each	Per 10
2 to 3 feet.....	\$2 25	\$20 00
3 to 4 feet.....	4 50	40 00
4 to 5 feet.....	5 50	50 00

Pinus. Pine

PINUS AUSTRIACA. (AUSTRIAN PINE.) A handsome tree with stiff, dark green leaves. Grows to considerable size and makes an excellent effect in landscape planting.

	Each	Per 10		Each	Per 10
2 to 3 feet....\$ 2 75	\$24 75	4 to 5 feet....\$6 50	\$55 00		
3 to 4 feet....4 50	41 25	5 to 6 feet....8 75	82 50		

P. EXCELSA. (HIMALAYAN PINE.) A very beautiful Pine growing to considerable height. The foliage is rich shiny green, distributed quite densely on the spreading branches. An exceedingly handsome specimen tree.

	Each	Per 10		Each	Per 10
3 to 4 feet \$ 2 75	\$ 24 75	7 to 8 feet \$ 8 25	\$ 77 00		
4 to 5 feet. 3 75	33 00	8 to 10 feet. 11 00	88 00		
5 to 6 feet. 5 50	49 50	10 to 12 feet. 16 50	137 50		
6 to 7 feet. 6 50	60 50				

PINUS STROBOS. (WHITE PINE.) This is the well-known Pine of our northern forests. The limbs and branches grow almost straight from the trunk; foliage is dark green and drooping; cones are usually quite large, sometimes 6 inches long.

	Each	Per 10		Each	Per 10
1½ to 2 feet. 75	\$ 5 50	5 to 6 feet. \$ 5 00	\$44 00		
2 to 3 feet. \$ 1 00	8 00	6 to 7 feet. 6 50	60 50		
3 to 4 feet. 2 00	16 00	7 to 8 feet. 8 25	71 50		
4 to 5 feet. 3 00	25 75	8 to 10 feet. 11 00	93 50		

P. SYLVESTRIS. (SCOTCH PINE.) A sturdy, rapid growing tree, with bluish green foliage. Excellent for planting in the background of any mass planting.

	Each	Per 10		Each	Per 10
3 to 4 feet. \$ 2 25	\$ 18 25	6 to 8 feet. \$ 8 25	\$ 66 00		
4 to 5 feet. 3 25	27 50	8 to 10 feet. 11 00	99 00		
5 to 6 feet. 5 50	44 00	10 to 12 feet. 16 50	137 50		

Retinospora. Japanese Cypress

RETINOSPORA FILIFERA. A pleasing tree with long, slender branches. Leaves very small, numerous, and a pleasing bright green color.

	Each	Per 10
1 to 1¼ feet.....	\$2 25	\$18 25

R. FILIFERA AUREA. In habit the same as the preceding. Its foliage is a very distinct bright golden yellow. This tree is without doubt one of the best for ornamental planting.

	Each	Per 10
1 to 1¼ feet.....	\$2 25	\$18 25

R. OBTUSA GRACILIS. Foliage dark green, small, and held closely against the branches. A unique tree in specimen planting.

	Each	Per 10
2 to 3 feet.....	\$2 75	\$22 00

R. PISIFERA. A shapely tree with horizontal branches densely covered with whitish green foliage.

	Each	Per 10		Each	Per 10
1 to 1½ feet. \$ 1 75	\$ 13 75	3 to 4 feet. \$ 5 00	\$ 44 00		
1½ to 2 feet. 2 25	18 25	4 to 5 feet. 8 25	71 50		
2 to 2½ feet. 2 75	22 00	5 to 6 feet. 11 00	88 00		
2½ to 3 feet. 3 75	35 75	6 to 8 feet. 16 50	137 50		

Taxus. Yews

TAXUS BACCATA. (ENGLISH YEW.) A pleasing tree with glossy green foliage. In fall this variety bears numerous scarlet fruits.

	Each	Per 10		Each	Per 10
2 to 2½ feet. \$ 2 75	\$ 24 75	6 to 7 feet. \$16 50			
2½ to 3 feet. 3 25	30 25	8 to 10 feet. 27 50			
3 to 4 feet. 5 50	44 00				

T. BACCATA FASTIGIATA AUREA. (GOLDEN IRISH YEW.) A very handsome tree of erect symmetrical form, somewhat resembling the preceding, but the foliage is a conspicuous golden yellow.

	Each	Per 10		Each	Per 10
3 to 4 feet.....\$6 50	\$60 50	4 to 5 feet.....\$8 25	\$71 50		

Thuya. Arborvitae

THUYA OCCIDENTALIS. (AMERICAN ARBORVITAE.) Perhaps the best known of the Arborvitae family. Grows to medium height if not pruned and is quite pyramidal in form. The leaves are bright green with golden markings on under side. Useful either as a specimen tree or as a hedge plant. (See page 66.)

	Each	Per 10		Each	Per 10
2 to 3 feet.....\$ 1 75	\$ 6 50	6 to 7 feet.....\$4 50	\$38 50		
3 to 4 feet.....\$1 25	11 00	7 to 8 feet.....5 50	49 50		
4 to 5 feet.....2 25	18 25	8 to 10 feet.....6 50	60 00		
5 to 6 feet.....3 25	27 50				

T. ORIENTALIS. (CHINESE ARBORVITAE.) A low growing bushy tree of pyramidal outline; dark green foliage, turning to chocolate brown in fall.

	Each	Per 10		Each	Per 10
2 to 3 feet.....\$1 75	\$11 00	4 to 5 feet.....\$3 25	\$27 50		
3 to 4 feet.....2 25	19 25	5 to 6 feet.....4 50	38 50		

T. ORIENTALIS AUREA NANA. (BERCKMANN'S GOLDEN ARBORVITAE.) Very handsome form of dwarf habit; foliage is golden yellow, shading to bronze in fall. A pleasing tree when planted either in masses or as specimens.

	Each	Per 10		Each	Per 10
1 to 2 feet.....\$1 25	\$14 75	2½ to 3 feet.....\$4 50	\$38 50		
2 to 2½ feet. 3 75	33 00				

Tsuga. Hemlock

TSUGA CANADENSIS. (COMMON HEMLOCK.) This is the well-known tree you so often see in our northern forests, and when full grown is frequently 80 feet in height. The branches are slender and gently drooping; the leaves are dull green, with a whitish stripe on under side. A desirable evergreen for planting on grounds where it can have room to develop.

	Each	Per 10		Each	Per 10
1½ to 2 feet.....	\$ 1 35	\$ 11 00			
2 to 3 feet.....	1 65	13 75			
3 to 4 feet.....	2 75	24 75			
4 to 5 feet.....	4 40	41 25			
5 to 6 feet.....	8 25	77 00			
7 to 8 feet.....	11 00	99 00			
8 to 10 feet.....	13 25	121 00			

T. CANADENSIS SARGENTII PENDULA. (SARGENT'S WEEPING HEMLOCK.) A beautiful evergreen of distinct weeping habit. The long, slender branches are quite densely covered with sea-green foliage.

	Each	Per 10
1 to 1½ feet.....	\$2 75	\$24 75
1½ to 2 feet.....	3 85	35 25
2 to 3 feet.....	8 25	



Picea Canadensis (Black Hill Spruce)

Deciduous Shade Trees

This department includes trees of varieties which drop their leaves in winter. Their uses are manifold, the more important being the beautification of landscape, shade and shelter. No garden or landscape is complete without them. Plant a few of these on your lawn, dooryard or treebank, and you will be surprised how they will increase the value and beauty of your property.

Acer. Maples

ACER PLATANOIDES. (NORWAY MAPLE.) One of our most handsome deciduous trees. Used largely for planting in parks, and on streets and lawns. Grows to medium size, is quite compact and stately in form. The large leaves are a dark shiny green. This is without doubt one of our best shade trees. Norway Maples should be the shade trees on every home ground in the country.

	Each	Per 10
6 to 8 feet.....	\$1 00	\$ 8 00
8 to 10 feet, 1 $\frac{1}{2}$ to 1 $\frac{1}{2}$ inches.....	1 25	11 00
10 to 12 feet, 1 $\frac{1}{2}$ to 1 $\frac{1}{2}$ inches.....	2 00	16 50
12 to 14 feet, 1 $\frac{1}{2}$ to 2 inches.....	2 25	19 25
14 to 16 feet, 2 $\frac{1}{2}$ to 2 $\frac{1}{2}$ inches.....	3 25	27 50

A. PLATANOIDES SCHWEDELRI. (SCHWEDEL'S MAPLE.) A handsome tree somewhat resembling the Norway variety in shape and habit. The young leaves are a reddish purple which change to green when mature.

	Each	Per 10
12 to 14 feet, 2 to 2 $\frac{1}{2}$ inches.....	\$3 75	\$33 00
14 to 16 feet, 2 $\frac{1}{2}$ to 3 inches.....	5 50	44 00

Acer. Japanese Maple

ACER ATROPURPUREUM. (RED LEAF JAPAN MAPLE.) A low growing tree not used for shade, but planted rather as an ornamental. Foliage is a distinct shade of red all summer.

	Each	Per 10
1 $\frac{1}{2}$ to 2 feet.....	\$1 75	\$13 75
2 to 2 $\frac{1}{2}$ feet.....	2 25	19 25
2 $\frac{1}{2}$ to 3 feet.....	2 75	24 75
3 to 4 feet.....	4 50	38 50
4 to 5 feet.....	8 25	66 00

A. ATROPURPUREUM POLYMORPHUM. (GREEN LEAF JAPAN MAPLE.) A low growing tree with numerous green star-shaped leaves, which turn to reddish green in autumn. Very pleasing as a lawn specimen.

	Each	Per 10
5 to 6 feet.....	\$3 75	\$13 75
6 to 7 feet.....	5 50	44 00

Betula. Birch

BETULA ALBA LACINIATA PENDULA. (CUT-LEAVED WEEPING WHITE BIRCH.) A graceful tree of pronounced weeping habit. The glossy green leaves are deeply cut on the edges. Desirable as a single specimen, or in groups on a large lawn.

	Each	Per 10
6 to 8 feet.....	\$1 75	\$13 75

B. PARPYRIFERA. (PAPER, OR CANOE BIRCH.) A handsome, tall growing tree, with large glossy green leaves. The bark is shiny silvery white, retaining its color all year.

	Each	Per 10
8 to 10 feet.....	\$2 00	\$13 75
10 to 12 feet.....	2 75	22 00
8 to 10 feet.....	\$2 00	\$13 75
10 to 12 feet.....	2 75	22 00

Catalpas

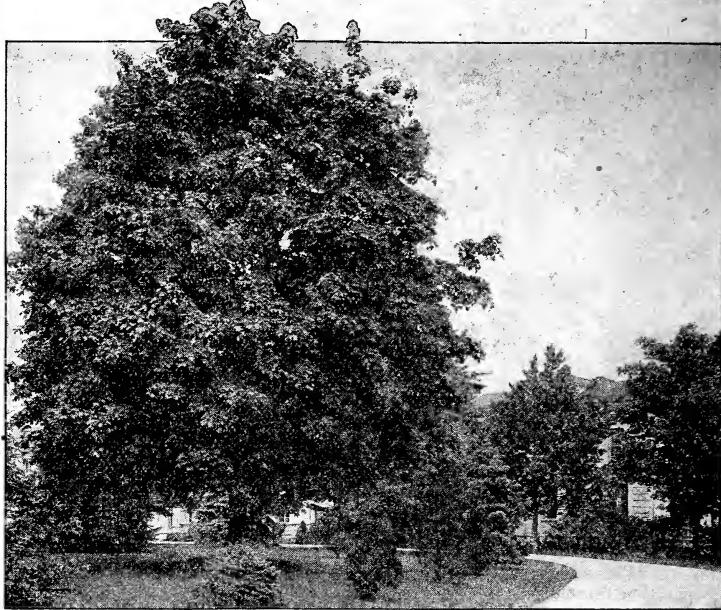
CATALPA BUNGEI. (ROUND-HEADED CATALPA.) A handsome tree for lawn planting. The stem or trunk is straight and without branches, but is capped with a broad spreading head. The large heart-shaped leaves are distinct bright green.

	Each	Per 10
Heads 1 to 1 $\frac{1}{2}$ feet diameter, tree form.....	\$1 75	\$13 75
Heads 1 $\frac{1}{2}$ to 2 feet diameter, tree form.....	2 25	19 25
Heads 2 to 2 $\frac{1}{2}$ feet diameter, tree form.....	3 25	27 50
Heads 2 $\frac{1}{2}$ to 3 feet diameter, tree form.....	4 50	33 00
Heads 3 to 4 feet diameter, tree form.....	5 50	44 00

Cornus. Dogwood

CORNUS FLORIDA. (WHITE-FLOWERING DOGWOOD.) A low growing tree, or large shrub, with sea-green foliage. Numerous large white flowers are borne in early spring.

	Each	Per 10
3 to 4 feet.....	\$1 00	\$ 8 00
4 to 5 feet.....	1 50	11 00
5 to 6 feet.....	1 75	14 75



Acer Platanoides (Norway Maple)

C. FLORIDA RUBRA. (RED-FLOWERING DOGWOOD.) In most respects the same as preceding variety, excepting that this bears red flowers instead of white.

	Each	Per 10
2 to 3 feet.....	\$1 00	\$ 8 00

Fagus. Beech

FAGUS FERRUGINEA. (AMERICAN BEECH.) A sturdy tree growing to about 50 feet. Leaves are light glossy green, downy on under surface. The bark of both tree and branches is a grayish blue.

	Each	Per 10
5 to 6 feet.....	\$2 25	\$19 25
6 to 7 feet.....	3 25	30 50

F. SYLVATICA PENDULA. (WEEPING BEECH.) Similar to the preceding, but the branches have a distinct drooping habit. An excellent tree for planting on the home grounds.

	Each	Per 10
3 to 4 feet.....	\$1 00	\$ 8 00
4 to 5 feet.....	1 75	13 75
5 to 6 feet.....	2 25	19 25
6 to 8 feet.....	3 25	33 00
8 to 10 feet.....	5 50	49 50
10 to 12 feet.....	6 50	60 50

F. SYLVATICA PURPUREA. (PURPLE-LEAVED BEECH.) A handsome tree for planting anywhere. Its shape is quite symmetrical and it forms a roundish head. Foliage is deep purple in spring, crimson in midsummer, and changes to purplish green in the fall.

	Each	Per 10
3 to 4 feet.....	\$1 00	\$ 8 00
4 to 5 feet.....	1 75	13 75
5 to 6 feet.....	2 25	19 25
6 to 8 feet.....	3 25	33 00
8 to 10 feet.....	5 50	49 50
10 to 12 feet.....	6 50	60 50

F. SYLVATICA PURPUREA; VAR., RIVERSII. (RIVER'S PURPLE BEECH.) An extremely handsome tree, more valuable for shade than the preceding variety. The branches start higher, leaving much more room beneath. The dense foliage retains its fine purple color all summer.

	Each	Per 10
4 to 5 feet.....	\$1 75	\$13 75
5 to 6 feet.....	2 25	19 25
6 to 8 feet.....	3 50	27 50
8 to 10 feet.....	4 50	38 50
10 to 12 feet.....	5 50	50 00
12 to 14 feet.....	7 00	67 00

Fraxinus. Ash

FRAXINUS ALBA. (AMERICAN WHITE ASH.) A rapid-growing tree with a broad, spreading head. For lawn or landscape planting this tree is one of our leading native sorts.

	Each	Per 10
8 to 10 feet.....	\$1 25	\$ 8 50
10 to 12 feet.....	1 75	14 00
12 to 14 feet.....	2 25	17 00



Catalpa Bungei

Juglans. Walnut

JUGLANS NIGRA. (BLACK WALNUT.) A native tree of large size. Its habit is spreading and it forms a clean, symmetrical head. A few years after planting the tree bears large quantities of sweet edible nuts. Makes a handsome lawn specimen.

	Each	Per 10
6 to 8 feet.....	\$1.50	\$11.00
8 to 10 feet.....	2.00	17.00

J. REGIA. (ENGLISH WALNUT.) A rather low-growing tree of great beauty and value when fully mature. Although native of England the trees seem to do well in Harrisburg and vicinity. The edible nuts are very delicious.

	Each	Per 10
4 to 5 feet.....	\$1.50	\$11.00
5 to 6 feet.....	1.75	13.75
6 to 8 feet.....	2.00	17.00

Larix. Larch

LARIX EUROPAEA. (EUROPEAN LARCH.) A rapid-growing tree, not resembling any other deciduous variety. The leaves are needlelike, such as found in evergreen trees. Makes a pleasing lawn tree.

	Each	Per 10
3 to 4 feet.....	\$1.25	\$9.00
4 to 5 feet.....	1.50	11.00
5 to 6 feet.....	2.00	

Liriodendron. Tulip Tree

LIRIODENDRON TULIPIFERA. A grand native tree of rapid growth that does well in most soils. Has clean, smooth bark and spreading branches. The foliage is dark green. It flowers freely in June, producing numerous creamy, yellow, fragrant, tuliplike flowers. Spring planting is perhaps best.

	Each	Per 10
6 to 8 feet.....	\$1.50	\$12.00
8 to 10 feet, 1 1/4 to 1 1/2 inches.....	2.25	17.00

Morus. Mulberry

MORUS ALBA PENDULA. (TEA'S WEEPING MULBERRY.) A low tree, with long, slender, vine-like branches sweeping the ground. There are a number of these excellent "weepers" thriving here in Harrisburg, so you need not be afraid to plant them.

	Each	Per 10
5 to 6 feet.....	\$3.50	\$28.00

Phellodendron

PHELLODENDRON AMURENSE. (CHINESE CORK TREE.) A semi-tropical tree perfectly hardy in Harrisburg. The branches are spreading and form a broad, round head. The bark is gray in color, corky and smooth. This is indeed a handsome lawn tree.

	Each	Per 10
8 to 10 feet, 1 to 1 1/4 inches.....	\$1.25	\$9.00
8 to 10 feet, 1 1/4 inches to 1 1/2 inches.....	1.50	11.00
10 to 12 feet, 1 1/2 to 2 inches.....	2.25	15.00

Platanus. Plane Trees

PLATANUS ORIENTALIS. (ORIENTAL PLANE.) A handsome tree growing to huge size. Foliage bright green and quite dense. The bark peels off the tree in fall and leaves the creamy white under bark visible all through winter. A very effective tree for lawn or landscape and widely used for street planting.

	Each	Per 10
6 to 8 feet.....	\$1.00	\$8.00
8 to 10 feet, 1 1/4 to 1 1/2 inches.....	1.50	11.00
10 to 12 feet, 1 1/2 to 1 3/4 inches.....	1.75	13.75
12 to 14 feet, 1 3/4 to 2 inches.....	2.25	19.25
12 to 14 feet, 2 to 2 1/2 inches.....	3.25	27.50
14 to 16 feet, 2 1/2 to 3 inches.....	4.50	38.50

Populus. Poplar

POPULUS NIGRA FASTIGIATA. (LOMBARDY POPLAR.) A unique tree of pronounced erect form. The branches grow closely to the trunk; the leaves are small, dark green, and nearly cover the branches. An excellent tree for formal effect on the lawn. Also popular for cemetery planting.

	Each	Per 10
6 to 8 feet.....	.75	\$5.50
8 to 10 feet.....	\$1.00	8.00
10 to 12 feet.....	1.50	13.75

POPULUS MONILIFERA VAR., CAROLINENSIS. (CAROLINA POPLAR.) A rapid growing tree reaching a height of about 50 feet. The bark is yellowish brown; leaves are rich, lustrous green.

	Each	Per 10
8 to 10 feet, 1 1/4 to 1 1/2 inches.....	.75	\$6.50
10 to 12 feet, 1 1/2 to 2 1/2 inches.....	\$1.00	8.00
12 to 14 feet, 2 to 2 1/2 inches.....	1.75	13.75
20 to 25 feet, 4 to 5 inches.....	11.00	82.50

Quercus. Oak

QUERCUS FASTIGIATA. (PYRAMIDAL OAK.) A slow growing tree of compact habit and pyramidal outline. The dark green leaves hold their color until late fall. After turning brown they remain on the tree most of the winter. Very desirable in formal plantings.

	Each	Per 10
6 to 8 feet.....	\$2.25	\$22.00
8 to 10 feet.....	4.50	38.50

Q. PALUSTRIS. (PIN OAK.) A majestic tree with bright green foliage. Each leaf is deeply cut and has sharp points. An excellent tree for lawn and street planting.

	Each	Per 10
8 to 10 feet, 1 1/4 to 1 1/2 inches.....	\$2.25	\$19.25
10 to 12 feet, 1 1/2 to 1 3/4 inches.....	2.75	24.75
12 to 14 feet, 2 to 2 1/2 inches.....	4.50	38.50



Betula Alba Lacinata Pendula (See page 52)

QUERCUS. Oak—Continued

Q. RUBRA. (AMERICAN RED OAK.) A stately tree, rather slow growing, but in time attaining considerable size. The shiny green leaves are very large and turn to charming shades of red and yellow in fall. Particularly desirable in landscape work and in many places used largely in street planting.

	Each	Per 10
6 to 8 feet.....	\$1.75	\$14.75
8 to 10 feet, 1½ to 1½ inches.....	2.25	19.25
10 to 12 feet, 1½ to 2 inches.....	3.25	27.50

Salix. Willow

SALIX BABYLONICA. (WEEPING WILLOW.) One of our handsomest weeping trees. The leaves are small, bright green and numerous. The branches are long, slender, and possess a distinct weeping habit. This is without doubt one of the best trees for general planting where a dignified effect is wanted.

	Each	Per 10
6 to 8 feet.....	.75	\$ 6.50
8 to 10 feet, 1½ to 1½ inches.....	1.25	11.00

S. DISCOLOR. (PUSSY WILLOW.) The leaves are larger than the preceding variety; light green and silvery on under surface. In spring the branches bear numerous furry catkins.

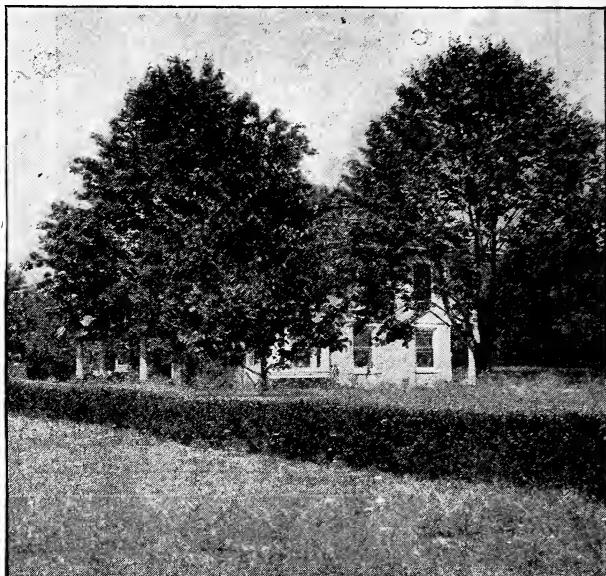
	Each	Per 10
6 to 8 feet.....	.75	\$ 6.50
8 to 10 feet.....	1.00	8.00
10 to 12 feet.....	1.75	13.75

S. ELEGANTISSIMA. (THURLOW'S WEEPING WILLOW.) In many respects similar to the ordinary variety, excepting that the branches have a more spreading habit. The foliage is yellowish green.

	Each	Per 10
8 to 10 feet, 1½ to 2 inches.....	\$1.75	\$13.75
10 to 12 feet, 2 to 2½ inches.....	2.25	16.50
12 to 14 feet, 2½ to 3 inches.....	3.75	33.00
14 to 16 feet, 3 to 4 inches.....	6.50	55.00
16 to 18 feet, 4 to 5 inches.....	11.00	82.50

S. INCANA; syn., ROSMARINIFOLIA. (ROSEMARY WILLOW.) A pleasing tree with long, slender, gently drooping branches. The leaves are quite long, and very numerous; bright green on top, whitish on under-side.

	Each	Per 10
4 to 5 feet.....	.60	\$5.00
5 to 6 feet (bush form).....	1.00	8.00



A Planting of Lindens and other Shade Trees will make your home as attractive as this

S. VITELLINA AUREA. (GOLDEN-BARK WILLOW.) A handsome tree growing to considerable size. The leaves are bright green on top, whitish underneath. The golden yellow bark on branches and trunk is quite noticeable all the year.

	Each	Per 10
8 to 10 feet, 1½ to 2 inches.....	\$ 1.00	\$ 8.00
10 to 12 feet, 2 to 2½ inches.....	2.25	16.50
12 to 14 feet, 2½ to 3 inches.....	3.75	33.00
14 to 16 feet, 3 to 4 inches.....	6.50	55.00
16 to 18 feet, 4 to 5 inches.....	11.00	82.50

Tilia. Linden

TILIA AMERICANA. (AMERICAN LINDEN, OR BASSWOOD.) A stately tree growing to considerable size. The leaves are large; shiny dark green, turning to golden yellow in autumn. Widely planted on streets, avenues and lawns.

	Each	Per 10
6 to 8 feet.....	\$1.50	\$12.00
8 to 10 feet, 1½ to 2 inches.....	2.00	16.00
10 to 12 feet, 2 to 2½ inches.....	3.00	24.00
12 to 14 feet, 2½ to 3 inches.....	4.50	36.00

T. ARGENTEA; syn., TOMENTOSA. (WHITE, OR SILVER LINDEN.) This handsome tree gets its name from the silvery white color on the underside of its leaves. The shape is broadly conical at the bottom of the spreading branches, tapering gently to a round, symmetrical top. This rapid-growing tree is one of the best lawn specimens you can get.

	Each	Per 10
8 to 10 feet, 1½ to 2 inches.....	\$2.50	\$22.00
8 to 10 feet, 2 to 2½ inches.....	3.75	33.00
10 to 12 feet, 2½ to 3 inches.....	5.50	44.00

TILIA EUROPEA. (EUROPEAN LINDEN.) Tree is pyramidal. The leaves are large, dark green and quite numerous. In spring numerous small white fragrant flowers are borne. Excellent for general planting.

	Each	Per 10
6 to 8 feet.....	\$1.00	\$ 8.00
8 to 10 feet, 1½ to 1½ inches.....	1.75	13.75
8 to 10 feet, 1½ to 1½ inches.....	2.00	15.00
10 to 12 feet, 1½ to 2 inches.....	2.50	22.00
10 to 12 feet, 2 to 2½ inches.....	3.25	27.50
12 to 14 feet, 2½ to 3 inches.....	4.50	38.50

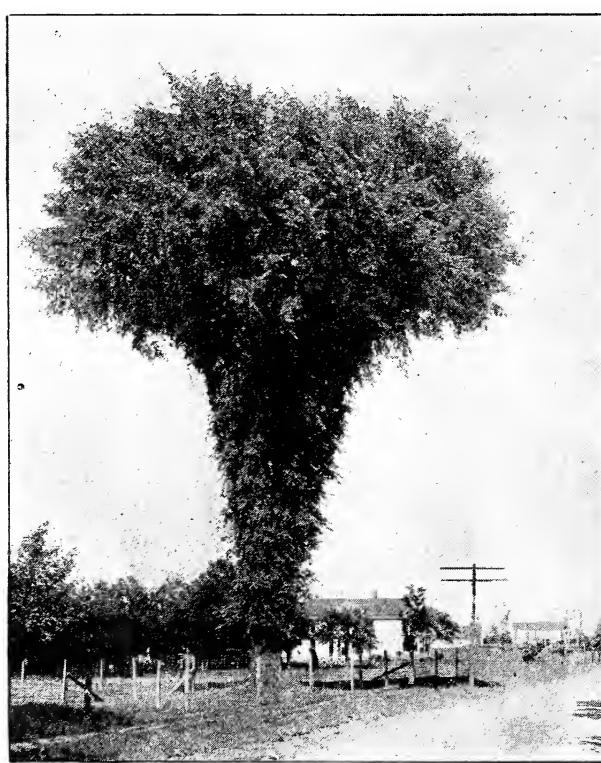
Ulmus. Elm

ULMUS AMERICANA. (AMERICAN, OR WHITE ELM.) One of our most stately trees. The trunk grows to large size and is capped by a large spreading head. The leaves are rich dark green and quite dense. As a landscape tree this Elm is hard to beat. The American Elm is at home anywhere in this country. You will find it thriving no matter where you go.

	Each	Per 10
8 to 10 feet, 1½ to 1¾ inches.....	\$1.25	\$11.00
10 to 12 feet, 1¾ to 2 inches.....	2.25	17.75
12 to 14 feet, 2 to 2½ inches.....	2.75	22.00
14 to 16 feet, 2½ to 3 inches.....	3.75	33.00

U. MONTANA PENDULA. (CAMPERDOWN, OR WEEPING ELM.) A pleasing tree for lawn planting. The branches are long, slender, and droop gently toward the ground in spraylike fashion. The leaves are dark green, large and numerous.

	Each	Per 10
5 to 6 feet stems; heads 2 to 3 feet diameter.....	\$4.00	



The American Elm (*Ulmus Americana*) is a handsome Landscape or Lawn Tree

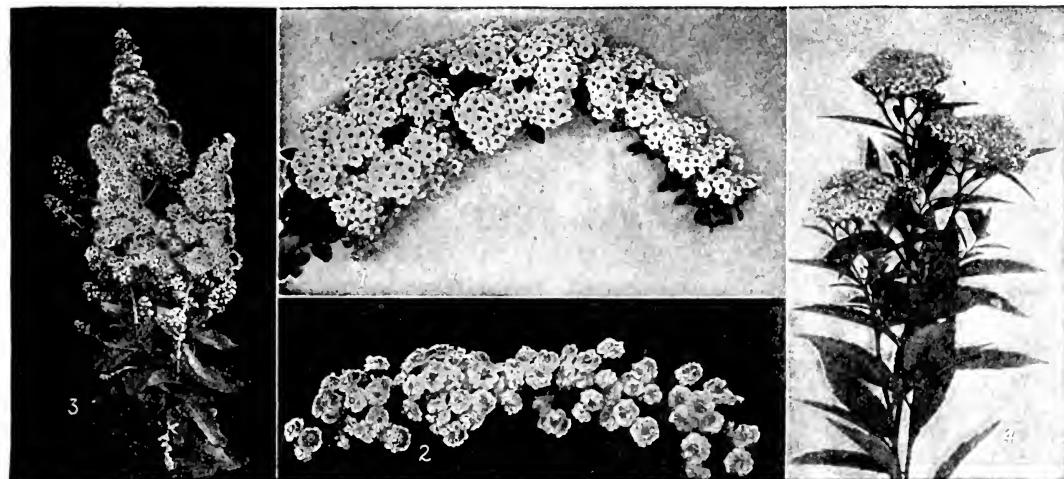
The Spireas include a great variation in flower and foliage effects.

No. 1 represents the type of flowers produced by the varieties Van Houttei and Reevesiana.

No. 2 is the old-fashioned Bridal wreath.

No. 3 Flowers of this type are borne by varieties Billardi, Billardi alba, Douglassi, Salicifolia and Tomentosa. They differ in color.

No. 4 represents flowers of varieties Bumalda and Anthony Waterer.



Ornamental Flowering Shrubs

No ornamental plants possess such a wide range of usefulness as flowering shrubs.

They may be planted in masses, borders, or as individual specimens. The lower growing varieties make a much better effect in masses, for their beauty lies more in the volume of bloom than in the single flower. These low-growers are also best for border or hedge planting.

The tall sorts, and those with large, showy flowers, are more attractive when used as specimen plants. Among this latter class the Lilacs are perhaps the most representative.

Most of the different species of shrubs are hardy. In fact, all those in our list are perfectly at home in Harrisburg and for many miles north of the city.

Azaleas

AZALEA ARBORESCENS. (FRAGRANT WHITE AZALEA.) A pleasing shrub bearing an abundance of white pinkish tinged flowers.

	Each	Per 10
8 to 12 inches.....	85	\$5 50

A. MOLLIS. (CHINESE AZALEA.) This species of Azalea is hardy, and the numerous varieties give excellent results in this latitude. They can be used in many ways—either as specimens on the lawn, massed in foundation plantings, or in corners of walks, etc. Many colors are shown in the various varieties.

	Each	Per 10
1 to 1½ feet.....	\$1 50	\$12 75

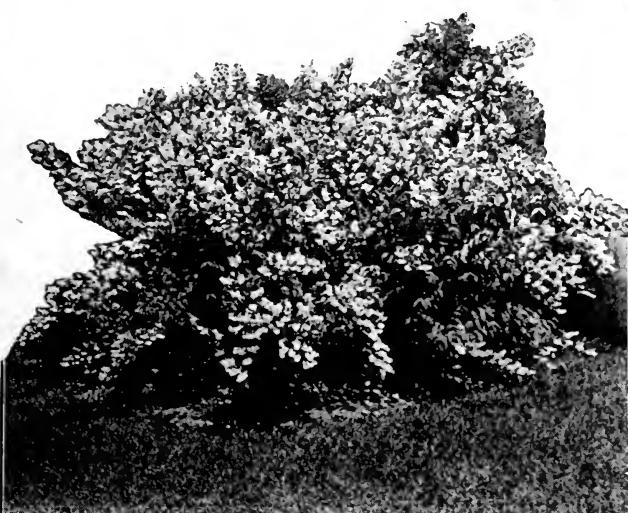
Crataegus. Hawthorn

CRATAEGUS OXYCANTHA. (ENGLISH HAWTHORN.) A shrub or low tree bearing an abundance of single white flowers. The foliage is bright green.

	Each	Per 10
2 to 3 feet.....	30	\$2 25
3 to 4 feet.....	40	3 25
4 to 6 feet.....	55	4 50

C. OXYCANTHA ALBA PLENO. Like the preceding, except the flowers, which are double.

	Each	Per 10
4 to 5 feet.....	75	\$6 50



Deutzia

Deutzias

A family of profuse-flowering shrubs, that includes both dwarf and tall-growing varieties. The dwarf sorts are suited for planting in the foreground of the shrubbery border, while the upright-growing varieties serve very well in the background.

DEUTZIA GRACILIS. A hardy shrub bearing an abundance of white flowers in June.

	Each	Per 10
1 to 1½ feet.....	30	\$2 25

D. LEMOINEI. A low-growing shrub, with slender spraylike branches. Produces an abundance of white flowers in May.

	Each	Per 10
1½ to 2 feet.....	40	\$2 75
2 to 2½ feet.....	50	3 75

D. PRIDE OF ROCHESTER. For general planting, and especially in this locality, this variety is considered best of the Deutzias. The flowers are large and double, white with a faint tinge of pink. It is a profuse bloomer.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	40	2 75
4 to 5 feet.....	50	3 50

D. SCABRA. Low-growing shrub, bearing white single bell-shaped flowers.

	Each	Per 10
2 to 3 feet.....	30	\$2 25
3 to 4 feet.....	35	2 75
4 to 5 feet.....	75	5 00

Diervilla. Weigelas

An important group, indispensable for ornamental planting. They thrive in any soil; are strong growers and generally hardy. When young, of upright habit; growing with age into more graceful shrubs. Useful as specimens and desirable for groups or masses. In May or June the Weigelas are aglow with a wealth of flowers borne all along their branches, and some varieties flower sparingly even through the summer.

EVA RATHKE. The best red-flowered kind; almost a continual bloomer.

	Each	Per 10
2 to 3 feet.....	60	\$5 00
3 to 4 feet.....	75	6 50

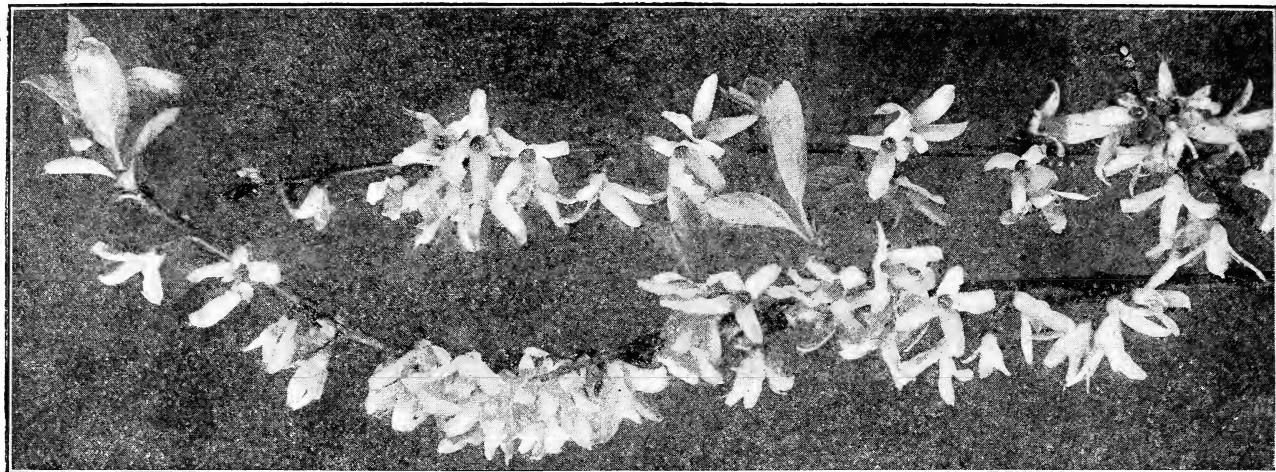
Euonymus

EUONYMUS ALATUS. (CORKED-BARKED EUONYMUS.) This shrub possesses a striking individuality. It is particularly ornamental and interesting on account of its curious corky bark. The small, delicate flowers of late spring are followed by attractive red berries in the fall. It is also valuable on account of its autumn foliage, which is scarlet.

	Each	Per 10
3 to 4 feet.....	85	\$7 25
4 to 5 feet.....	100	8 00

E. EUROPAEUS. (EUROPEAN BURNING BUSH.) Grows to considerable size; bears numerous rose-colored seed capsules in autumn.

	Each	Per 10
3 to 4 feet.....	60	6 00



Forsythia

Forsythia. Golden Bells

Familiar hardy shrubs that burst into bloom as winter is leaving. The bright, golden yellow, starlike flowers wrap themselves along the naked branches in a wealth of bloom that is especially bright and cheerful at such an early season.

FORSYTHIA FORTUNEI. (FORTUNE'S FORSYTHIA.) The bright golden yellow bark gives this shrub a unique appearance in April. Bears dense masses of golden yellow flowers.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
4 to 5 feet.....	60	4 00
5 to 6 feet.....	75	5 00

F. INTERMEDIA. Bears many bright golden flowers in April. The foliage is glossy green.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	50	3 00
4 to 5 feet.....	55	4 00

which change to pink as the season advances. Can be used in either hedge, mass or specimen planting.

	Each	Per 10
2 to 3 feet.....	40	\$2 75
3 to 4 feet.....	55	4 00
4 to 5 feet.....	65	5 00

Lonicera. Honeysuckle

LONICERA BELLA ALBIDA. A vigorous shrub bearing an abundance of white flowers. In autumn numerous scarlet berries make their appearance.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	45	2 75

L. FRAGRANTISSIMA. Almost evergreen, for the leaves do not lose their color until late in the winter. The white flowers, which appear in early spring before the leaves open, are very fragrant.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	50	3 50
4 to 5 feet.....	55	4 50

Hibiscus. Althea, or Rose of Sharon

These shrubs are very desirable on account of their blooming all summer. In the varieties mentioned below many of the different colors are represented.

ALBA PLENA. Flowers are double white with crimson center.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	45	2 75
4 to 5 feet.....	55	4 00

DOUBLE ROUGE. Large double, dark red flowers.

	Each	Per 10
2 to 3 feet.....	35	\$2 25

JOAN OF ARC. Considered the best. The flowers are large, double and pure white.

	Each	Per 10
2 to 3 feet.....	35	\$2 25

TOTUS ALBUS SIMPLEX. Numerous single white flowers.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	40	2 75
4 to 5 feet.....	55	4 00

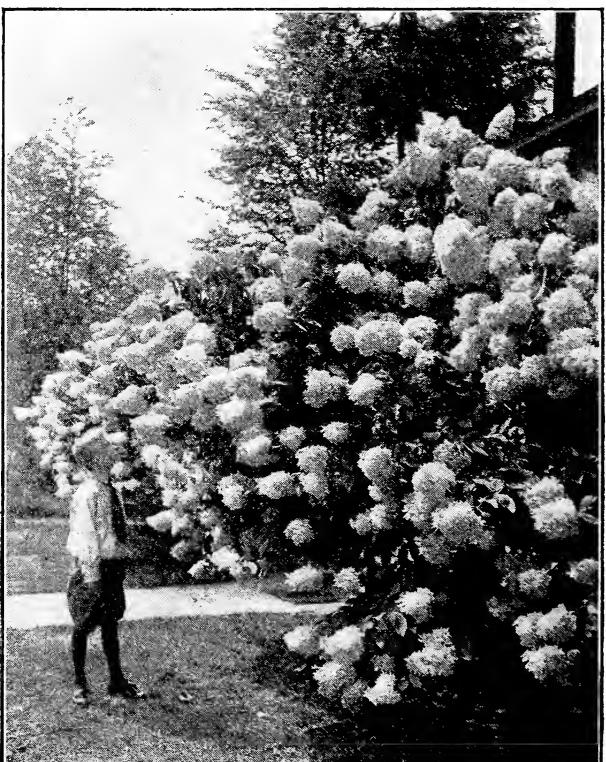
Hydrangeas

No class of shrubs is better known than the Hydrangeas, because they include some of the most showy flowering plants that are found in cultivation. They transplant easily, have no insect enemies, and, with the exception of the Hortensia varieties, are reliably hardy. A crowning feature is that they bloom during the comparatively flowerless months of July to September.

HYDRANGEA ARBORESCENS STERILIS. (HILLS OF SNOW.) Many people consider this the best Hydrangea. The foliage is green, with bluish markings on under side. In June and July this shrub bears a multitude of large snowy-white flowers.

	Each	Per 10
2 to 3 feet.....	55	\$4 00
3 to 4 feet.....	85	5 50

H. PANICULATA GRANDIFLORA. A handsome variety commencing to bloom in June and lasting until early fall. Flowers are pure white,



Hydrangea

LONICERA. HONEYSUCKLE—Continued

L. MORROWI. Bears snowy-white flowers, followed by reddish fruits in August.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	45	2 75
4 to 5 feet.....	55	4 00

Philadelphus. Mock Orange

PHILADELPHUS CORONARIUS. (COMMON MOCK ORANGE.) Bears fragrant white flowers in May and June.

	Each	Per 10
2 to 3 feet.....	35	\$2 25

P. FOLIUS AUREUS. This variety is recommended on account of its unique effect in a shrub border. In mass plantings it is hard to beat. Its foliage is a distinct golden yellow.

	Each	Per 10
1½ to 3 feet.....	50	\$3 50

P. LEMOINEI. (AVALANCHE.) A graceful shrub, with slender drooping branches covered with snowy-white flowers.

	Each	Per 10
2 to 3 feet.....	50	\$2 75

Rhus. Sumac

RHUS AROMATICA. (FRAGRANT SUMAC.) A spreading shrub with pretty, deeply cut leaves. The flowers are yellow, followed by bright red fruit. Very hardy and will grow practically anywhere.

	Each	Per 10
1½ to 2 feet.....	50	\$3 50
2 to 3 feet.....	60	4 50

R. COTINUS. (SMOKE TREE.) A curious small tree bearing numerous smoky colored flowers. The leaves are pea-green and golden. A very unique lawn shrub.

	Each	Per 10
3 to 4 feet.....	60	\$4 00

Spirea

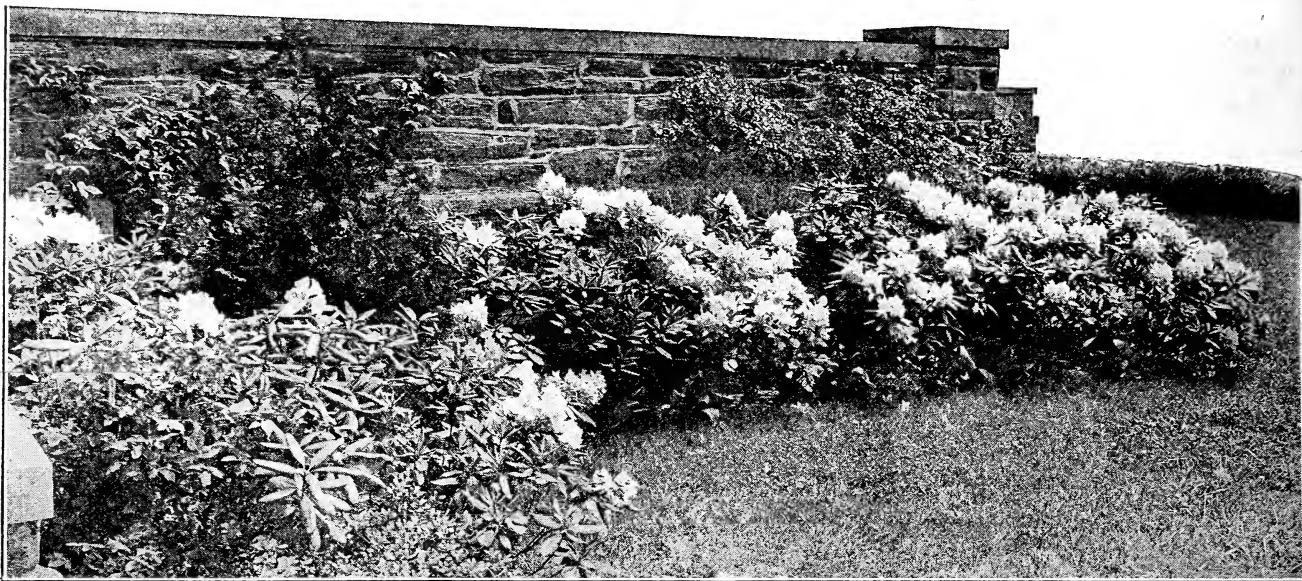
Indispensable shrubs of easy culture that differ so in size, character and time of bloom that there are varieties suited for almost every purpose. This group includes some of the most popular old-fashioned shrubs. The summer-flowering varieties are particularly valuable because they are attractive when few other shrubs are in flower. All varieties do best in moist, fertile soils and sunny exposures.

ANTHONY WATERER. A dwarf variety rarely exceeding a foot in height. From June until frost it is a solid mass of rosy crimson flowers.

	Each	Per 10
1 to 1½ feet.....	50	\$2 75

S. BILLARDI. Bears rose colored flowers during July and August.

	Each	Per 10
2 to 3 feet.....	35	\$2 25
3 to 4 feet.....	50	2 75



Rhododendrons

VIBURNUM. SNOWBALL—Continued

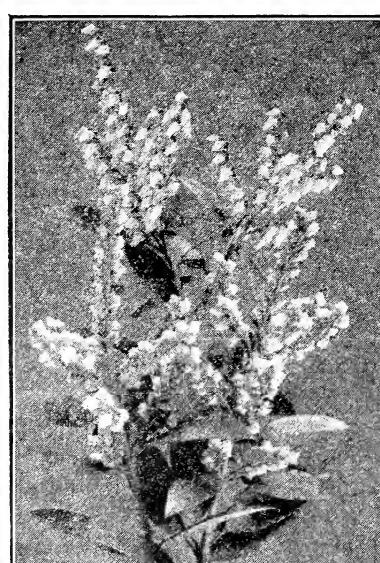
V. TOMENTOSUM PLICATUM. (JAPANESE SNOWBALL.) May.	One of the best ornamental shrubs. It bears abundant white balls of bloom that have a beautiful setting in the deep green leaves. When a single specimen is wanted there is nothing more attractive. It is just as effective, however, in groups or the shrubbery border.	
Each	Per 10	
2 to 3 feet.....	40	\$2 75
3 to 4 feet.....	45	3 20
4 to 5 feet.....	60	4 50
5 to 6 feet.....	85	5 50

Evergreen Shrubs
Andromeda

ANDROMEDA FLORIBUNDA. A low-growing shrub, bearing numerous dark green leaves. The branches are dull red when young. White flowers are borne in clusters at the ends of the branches.	Each	Per 10
Each	Per 10	
1 to 1½ feet.....	\$2 00	\$17 00
1½ to 2 feet.....	2 50	22 00

A. JAPONICA. A somewhat taller grower than the preceding variety. The green leaves become spotted with bronzy-red in winter.

Each	Per 10	
1½ to 2 feet.....	\$2 25	\$18 25



Andromeda Floribunda

Buxus. Boxwood

BUXUS SEMPERVIRENS. A pleasing plant either for the lawn, edging a path, or for use as tub specimens. The foliage is dense, dark green and aromatic when bruised.

	Each	Per 10
1 to 1½ feet.....	.85	\$ 6 50
1½ to 1¾ feet.....	1 35	11 00
1½ to 2 feet.....	2 00	17 00
2 to 2½ feet.....	2 75	24 75
2½ to 3 feet.....	5 50	50 00

B. ARBORESCENS. Grows to greater size than the preceding variety. In shape and habit somewhat similar.

	Each	Per 10
8 to 12 inches.....	.55	\$ 4 50
1 to 1¼ feet.....	.85	6 50
1½ to 2 feet.....	2 00	17 00

B. SUFFRUTICOSA. A low-growing variety, suitable for edging walks where it creates a pretty appearance.

	Per 10	Per 100
4 to 6 inches.....	\$.10	\$ 7 25
6 to 8 inches.....	1 35	11 00

Calluna. Heather

CALLUNA VULGARIS. (SCOTCH HEATHER.) A dense growing shrub famed in song and story. Bears an abundance of pretty, bell-shaped, rosy-red flowers.

	Each	Per 10
Strong plants.....	.55	\$5 00

Kalmia. Mountain Laurel

KALMIA LATIFOLIA. Grows to about 8 feet. Bears numerous rosy-red flowers in June.

	Each	Per 10
1½ to 2 feet.....	\$1 75	\$15 00

Ilex. Holly

ILEX CRENATA. (JAPANESE HOLLY.) A low-growing shrub, with small glossy green leaves. This variety can be trained in almost any shape by judicious pruning.

	Each	Per 10
1½ to 1¾ feet.....	.85	\$1 00
2 to 3 feet.....	2 50	22 00

I. OPACA. (AMERICAN HOLLY.) A small-growing tree, perfectly hardy in this latitude. The branches are spreading and bear large leaves. In winter numerous bright red berries appear.

	Each	Per 10
1½ to 2 feet.....	.82 25	\$16 50
2 to 3 feet.....	2 75	22 00
3 to 4 feet.....	4 50	

Rhododendrons

The Rhododendron is a well-known shrub and it is widely planted in many sections of the country. It is easy to grow, does not require much care and when in bloom it can not be surpassed for beauty and appearance. Many variations of color are found in the different varieties, and a selection from the following list will be almost sure to satisfy you.

	Each	Per 10
1 to 1½ feet.....	.85	\$11 00
1½ to 2 feet.....	1 75	15 00
2 to 2½ feet.....	2 25	20 00

ABRAHAM LINCOLN. Flowers are large, well-shaped, rosy-crimson in color.

BOULE DE NEIGE. A handsome shrub bearing large white flowers in early spring.

CHARLES DICKENS. The flowers are deep scarlet and borne in large clusters. Considered the best of this color.

GENERAL GRANT. Large soft crimson flowers of excellent shape.

H. H. HUNNEWELL. Flowers are deep crimson, and the foliage is fine cut.

LADY ARMSTRONG. Soft rosy-white flowers, with beautiful crimson spots.

A Neat Hedge of *Ligustrum Ovalifolium* (California Privet)

Suitable Shrubs for Hedges

Many people are now planting hedges instead of building fences, which neither add to the appearance or value of the home grounds. With hedges the direct opposite is true, for a home, planted on either side with an attractive, well-kept hedge, is sure to be worth more money than a home where a fence is used between your grounds and those of your neighbor's. In the following list are numerous hedge plants which are easy to keep in order and are well adapted to this locality.

Berberis. Barberries

BARBERRY THUNBERGII. (THUNBERG'S, OR JAPANESE BARBERRY.) This is without doubt one of the best plants for hedge; for regardless of whether it is given attention or not the effect is always good. Barberry can be planted and allowed to grow naturally. An excellent effect is attained if you prune this plant, for with this variety you can make a hedge of almost any design or shape. The leaves are small, dark green and change to red in fall. The plant bears a mass of bright scarlet fruit which remains through the winter.

	Each	Per 10	Per 100
1 to 1½ feet.....	25	\$1 75	\$14 75
1½ to 2 feet.....	35	2 75	22 00
2 to 2½ feet.....	45	3 85	33 00

B. VULGARIS PURPUREA. (PURPLE BARBERRY.) The foliage of this hedge plant is violet purple, which color is strongly marked when this variety is planted near shrubs that have green foliage.

	Each	Per 10	Per 100
1 to 1½ feet.....	25	\$1 75	\$13 25

B. VULGARIA. (COMMON EUROPEAN BARBERRY.) An excellent hedge plant, also useful in mass planting. In early summer it bears numerous yellow flowers, and in autumn an abundance of orange-scarlet fruits.

	Each	Per 10	Per 100
1½ to 2 feet.....	35	\$2 25	\$16 50

Ligustrum. Privet

LIGUSTRUM OVALIFOLIUM. (CALIFORNIA PRIVET.) A vigorous, low-growing plant that will stand any amount of pruning. The leaves are large, glossy dark green and remain on the plant until late winter. Makes a very dense hedge.

	Each	Per 10	Per 100
1½ to 2 feet.....	20	\$1 10	\$5 50
2 to 3 feet.....	35	1 75	7 25

Extra Bushy, Grown Especially for Screen Planting

3 to 4 feet.....	60	4 50	33 00
4 to 5 feet.....	80	5 50	44 00

Thuya. Arborvitae

THUYA OCCIDENTALIS. (COMMON AMERICAN ARBORVITAE.) An excellent plant for hedges if it receives a little pruning. Fully described and priced under Evergreen Trees (see page 51).

TSUGA CANADENSIS. (CANADIAN HEMLOCK.) Grows to considerable height and is unexcelled for wind breaks and screens. Will stand any amount of pruning and can be trained into different shapes as wished. Fully described and priced under Evergreen Trees (see page 51).

Send us a sketch of your place, and allow us to send you blue prints and prices how to beautify your grounds at the least expense.



Thunberg's Barberry, whether pruned or not, makes a very attractive hedge



Clematis Paniculata

Ornamental Vines

Ampelopsis

AMPELOPSIS QUINQUIFOLIA. (VIRGINIA CREEPER.) A handsome vine which grows to considerable height. The leaves are large, green in summer, changing to scarlet in fall. Excellent for arbors, trellises and walls.

	Each	Per 10	Per 100
1 and 2-year field grown.....	35	\$2 25	
Potted plants, 6-inch pots.....	60	4 50	

A. VEITCHII. (JAPANESE OR BOSTON IVY.) A quick-growing vine, bearing clusters of small purplish blue berries. The leaves are large, green in summer, changing to golden yellow in fall.

	Each	Per 10	Per 100
2-year field grown.....	20	\$1 35	\$11 00
Potted plants, 4-inch pots.....	40	2 75	22 00

Bignonia

BIGNONIA GRANDIFLORA. (TRUMPET VINE.) A shrubby vine, not growing very tall. It is favorite with many people all over the country.

	Each	Per 10	Per 100
2-year field grown.....	40	\$2 75	\$22 00
Potted plants, 6-inch pot.....	55	4 40	

B. RADICANS. (SCARLET TRUMPET VINE.) In some respects similar to the preceding variety, but is taller grower. From July to September the vine bears numerous bright red flowers.

	Each	Per 10	Per 100
2-year field grown.....	30	\$2 20	\$16 50
Potted plants, 6-inch pots.....	55	4 40	33 00

Clematis

CLEMATIS PANICULATA. A strong-growing vine with light green foliage. In late summer it bears numerous fragrant white flowers. This vine is one of the best in our list.

	Each	Per 10	Per 100
Potted plants, 4-inch pots.....	40	\$2 75	\$20 00
Potted plants, 6-inch pots.....	55	4 00	30 00

C. JACKMANI. Considered the most popular variety of Clematis Hybrids. In early summer the vine bears numerous large purple flowers.

	Each	Per 10	Per 100
Strong plants.....	55	\$5 00	

Euonymus

EUONYMUS RADICANS. A hardy trailing vine with dull green leaves. Not so much adapted to covering walls as to covering exposed places along the ground, such as stumps and rocks. Will stand pruning.

	Each	Per 10	Per 100
2-year field grown.....	30	\$2 25	\$18 00
Potted plants, 4-inch pots.....	40	2 75	22 00

Lonicera. Honeysuckle

LONICERA JAPONICA. (GOLDEN HONEYSUCKLE.) This is perhaps the most beautiful of all Honeysuckles, the leaves being golden yellow. This vine shows up better if planted near varieties with darker foliage.

	Each	Per 10	Per 100
2-year field grown.....	30	\$2 25	\$16 50
Potted plants, 6-inch pots.....	40	2 75	

L. HALLEANA. (HALL'S JAPAN HONEYSUCKLE.) A strong-growing vine, bearing fragrant flowers all summer. Foliage is half evergreen.

	Each	Per 10	Per 100
2-year field grown.....	30	\$2 25	\$16 50
Potted plants, 6-inch pots.....	40	2 75	25 00

Lycium. Matrimony Vine

LYCIUM CHINENSIS. A hardy plant suitable for covering trellis or embankments. It bears numerous pinkish purple flowers from June until frost. Scarlet fruits appear after the flowers fade.

	Each	Per 10	Per 100
2 to 3 feet.....	30	\$2 25	\$16 50
3 to 4 feet.....	40	2 75	22 00
Potted plants, 6-inch pots.....	55	4 40	

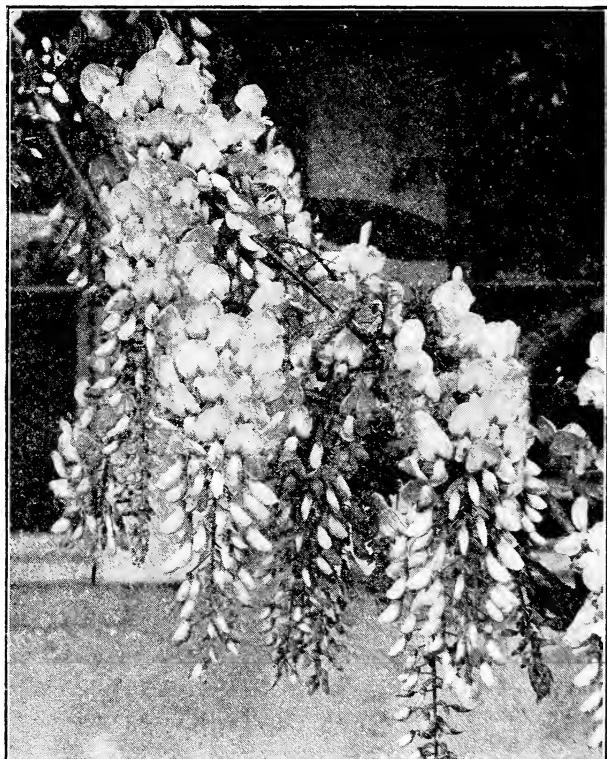
Wistaria

WISTARIA CHINENSIS. (CHINESE WISTARIA.) The leaves are medium sized, pale green, and quite numerous. The flowers are sky-blue, borne in long clusters in early summer.

	Each	Per 10	Per 100
1½ to 2 feet.....	55	\$3 75	
3 to 4 feet, strong, stocky plants.....	\$1 10	8 25	
Potted plants, 6-inch pots.....	85	6 75	\$50 00

WISTARIA CHINENSIS ALBA. (WHITE CHINESE WISTARIA.) In many respects similar to the preceding except that the flowers are white.

	Each	Per 10	Per 100
2 to 3 feet.....	85	\$6 75	
3 to 4 feet, very stocky plants.....	\$1 65	11 00	
Potted plants, 6-inch pots.....	85	6 75	



Wistaria Chinensis



Asters like this one would look nice in your flower bed

Bedding Plants

In response to numerous calls for Bedding Plants we have added to our catalogue this year an extensive list of varieties best adapted to Harrisburg and the country roundabout. A planting of these in the border will make the grounds more beautiful and attractive. The plants come to you all ready to set out.

Abutilon

A low-growing shrub with handsome foliage and bell-shaped flowers.

Ageratum

Largely used for edgings. The light blue and white flowers are borne all summer.

Alyssum

Another excellent bedding plant bearing small flowers all summer.

Asters

The best known and the most popular of all late bedding plants. Some varieties are handsomely quilled and others resemble the large chrysanthemums in form and beauty. There are many colors shown by the different sorts and in ordering you should state what colors you wish.

ASTERMUMS. In flower this bedding plant resembles the ordinary Aster, except that this is much larger both in plant and bloom. Each plant usually bears from ten to fifteen flowers. Frankly speaking, you can hardly do without this newer species of Aster.

Begonia

SEMPERFLORENS TYPE. Everblooming. Various colors are shown in these Begonias, and the plants will be found excellent for bedding.

B. QUEEN OF CARPET BEDDERS. Red foliage and brick red flowers. The plant is a very compact grower.

B. TUBEROUS ROOTED. A useful plant for bedding in masses. Has a distinct advantage in that it will thrive in shady places.

Bellis Perennis. English Daisy

A handsome little bedding plant growing to about 4 inches. Bears numerous dainty pink and white flowers in early spring.

Canna. Indian Shot

A tall-growing bedding plant, very useful in borders and edgings. Numerous colors are shown in the different varieties.

Coleus

Grows to about 2 feet. The variegated foliage of these plants makes a handsome appearance.

Dianthus Barbatus. Sweet William

This dainty little flower is so well known that it needs no introduction to the garden lover. Our plants are very free-flowering.

Geraniums

These handsome plants grow to about 1½ feet. One of the best known and most popular of all bedding plants. Mixed colors.

Pansies

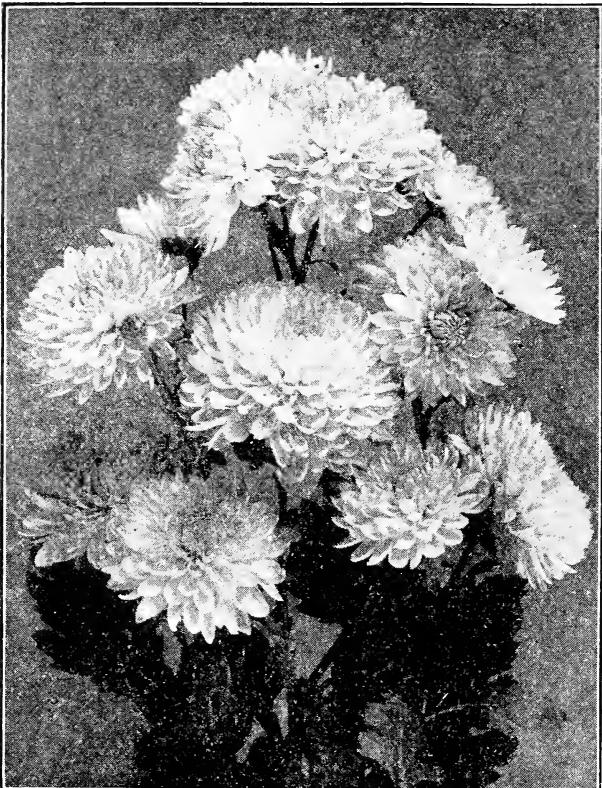
Dainty low-growing plants of great value for beds and borders. Many colors are shown in our collection of the different varieties.

Salvia. Flowering Sage

The most showy of all garden flowers. The plant bears great masses of bright scarlet blossoms in long spikes.

Violets

The small, fragrant violet-blue flowers are borne freely from spring to fall. The plant grows to about 6 inches.



Chrysanthemum

Plants that Live from Year to Year

This class of plants, familiarly known as old-fashioned hardy garden flowers, has come into public favor in recent years so rapidly as to astonish even the most sanguine enthusiasts. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week, yes, almost every day, brings forth something fresh and new.

15 cts. each; \$1.50 per doz., except where noted.

Achillea

A. PTARMICAFLORE PLENO. (THE PEARL.) Large clusters of pure white flowers blooming all summer. Excellent for cut flowers.

Anemone

A. JAPONICA. (JAPANESE WIND FLOWERS.) Very pleasing perennials, beginning to bloom in early August and continuing until cut down by hard frost. The varieties in our list contain many different colors.

A. ALBA. Snow-white.

A. PRINCE HENRY. Double rich pink; free blooming.

A. QUEEN CHARLOTTE. Large double flowers of silvery pink; extremely beautiful.

Each, 20 cts.; per doz., \$2.00.

ALYSSUM SAXATILE COMPACTUM. (GOLDEN TUFT.) 1 foot. One of the brightest spring flowers. Excellent plant for rockery or border. Flat heads of yellow flowers in April and May.

Aquilegia. Columbine

A. CHRYSANTHA. This is the well-known golden spurred Columbine.

A. VULGARIS. A double flowering form. Violet-blue.

ARABIS ALPINA. (ROCK CRESS.) A very low-spreading plant, completely covered with pure white flowers in April and May. Indispensable for rockeries, etc.

BAPTISIA AUSTRALIS. (FALSE INDIGO.) Spikes of dark blue flowers, about 2 feet high in June and July. A splendid, strong-growing plant, with deeply cut foliage.

BOLTONIA ASTEROIDES. 5 feet. In their season the Boltonias are one of our showiest herbaceous plants. They resemble the asters in form, but bloom earlier and more profusely. White. August to September.

CAMPANULA MEDIUM. (CANTERBURY BELLS.) May and June. 3 feet. Large bells in panicles in shades of blue, pink and white.

COREOPSIS LANCEOLATA GRANDIFLORA. 3 feet. June to September. One of the most popular hardy plants. The flowers are a rich golden-yellow and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn.

Hardy Pompon Chrysanthemums

These beautiful hardy sorts are indispensable in the hardy border. Their bright colors give life to the garden during October and November, when most other plants have been destroyed by frost. They grow 18 to 24 inches high.

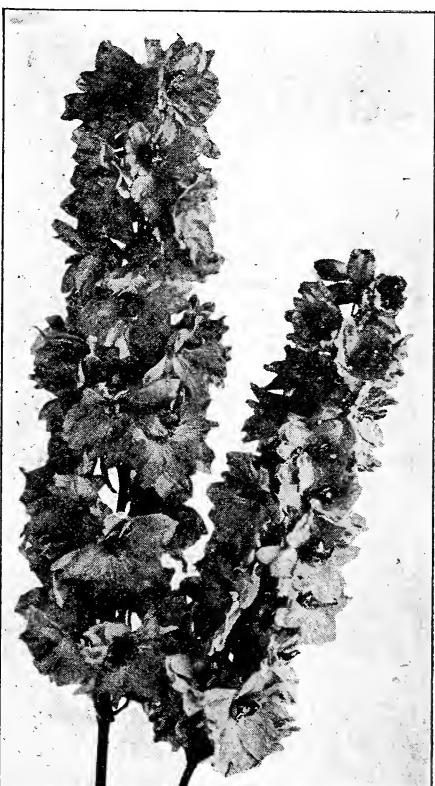
Prices of all varieties, unless otherwise noted, 15 cts. each, \$1.50 per doz.

Arabella.	Rich reddish purple.	Lady Smith.	White, tinged with lavender.
Barney.	Bronze-white; midseason.	Largretto.	Rosy pink; late. 25 cts. each, \$2.50 per doz.
Blushing Bride.	White, shaded coral midseason.	May Suydam.	Large; old-gold.
Boston.	Copper yellow.	Mrs. Vincent.	Early; white.
Danizula.	Rosy pink.	Patterson.	Yellow.
Dawn.	White; suffused pink.	Pettulant.	Pale yellow.
Dundee.	Garnet.	Queen of Whites.	Double flowers.
Fashion.	Double; white.	Rosenante.	Pale pink.
Fremy.	Copper-colored.	Sir Walter Raleigh.	Red.
Gold Nugget.	Golden yellow.	St. Illoria.	Pale pink.
Hindu.	White, shaded with yellow.	Sunset.	Red, changing to yellow.
Jerry.	Double; white.	Tennyson.	Clear yellow.
Julia Legravere.	Rich garnet.	Trojan.	Maroon.
Kadar.	Terra cotta. 25 cts. each, \$2.50 per doz.		

Delphiniums

DIANTHUS BARBATUS. 1½ to 2 feet. The perennial garden is not complete without some of these attractive old-fashioned plants. In May and June they flower in clusters of red, pink, white and many pretty variations.

DIGITALIS GLOXINIAEFLORA. Familiar old-fashioned plants that grow 3 to 4 feet high and flower in June. Assorted colors of rose, purple and white, beautifully spotted.



Delphinium

DELPHINIUMS—Continued

GAILLARDIA GRANDIFLORA. (BLANKET FLOWER.) 2 feet. This plant is at home in any soil, and has qualities that make it a leader among herbaceous plants. Good for cutting. Its gorgeous colorings of scarlet crimson and vermillion stand out in a bright, attractive way when planted among other perennials in the border. Flowers continuously from June until frost.

GYPSOPHILA PANICULATA. A beautiful old-fashioned plant, possessing a grace not found in any other perennial. It forms a symmetrical mass, 2 to 3 feet in height, and as much through; of minute, pure white flowers, having a beautiful, gauzelike appearance. For cutting purposes it is exquisite. August and September.

HELENIUM, RIVERTON BEAUTY. 3 to 4 feet. Flowers lemon-yellow, with a large, purplish black cone. August to October.

Hollyhocks

Everyone knows these old garden plants. We have them in various colors; they make beautiful perennial hedges and backgrounds for other plants. In colonies about house foundations and in garden corners they scarcely have an equal. All varieties, 20 cts. each, \$1.50 per doz.

DOUBLE-FLOWERING HOLLYHOCKS. Very perfect in form and preferred by most planters. We offer them in colors: red, pink, white, rose, yellow and maroon.

ALLEGHENY HOLLYHOCKS. This is a separate strain, with very large flowers, having fringed petals and come in varied colors that are most attractive.

SINGLE-FLOWERING HOLLYHOCKS. Some still prefer this type, which we offer in assorted colors.

Japanese Iris

Order by Name or Number

All varieties of Japanese Iris, 25 cts. each, \$2.50 per doz.

- 3 KUMONA-NO-SORA. White; purple veins.
- 12 KOK-NO-IRO. Large; royal purple.
- 17 O-YODO. Rich purple.
- 20 KUMA-FUNJIN. Silvery white, margined with magenta-lilac.
- 30 KIMI-NO-NEGUMI. Standards dark blue, edged with white; falls white.
- 35 SHISHI-ODORI. Purple.
- 48 TORA-ODORI. Light blue, yellow center; standards various shades of blue; six petals.
- 50 DATE-DOGU. Lavender, shading to white toward the center; yellow, center.

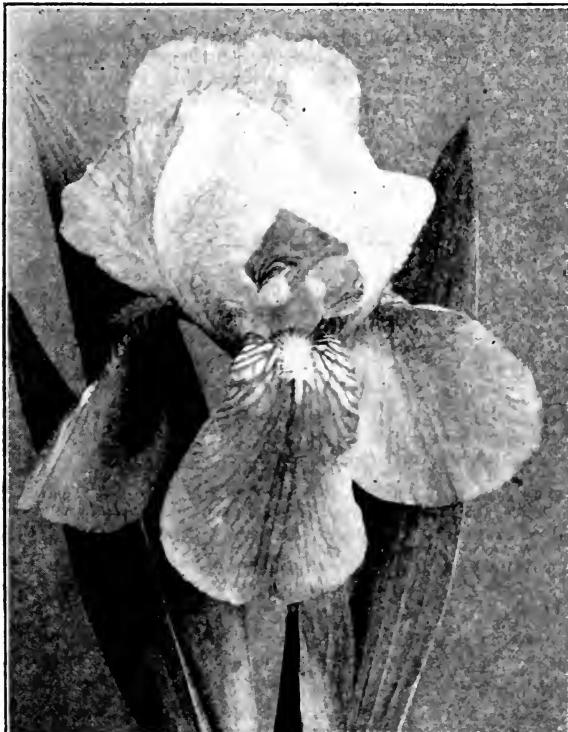
German Iris

All varieties, 15 cts. each, \$1.50 per doz.

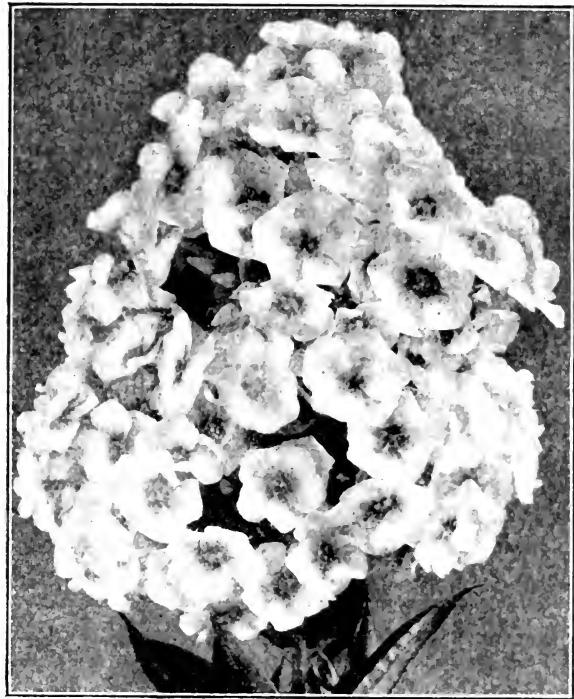
ADONIS. A deep blue; fine, and earliest to flower.

BLUE SKY. Standards faint lavender; falls yellow and purple.

CHARLOTTE PATTY. Standards golden yellow; falls lightly veined with maroon.



German Iris



Phlox

FAIRY QUEEN. Late flowering; white; falls veined with blue.

GARRICK. Standards delicate light blue; falls dark violet. A late-blooming variety.

GRACINE. Standards lemon-yellow; falls purplish, veined with white; very handsome.

LEOPOLD. Bronze; falls veined with maroon.

MADAME DE BONNE. Pure yellow.

MADAME DE BRABANT. Standards lavender; falls purple. Late blooming.

REINE DE PAYS. Standards saffron-yellow; falls carmine-maroon, lightly veined.

Hardy Phlox

Among hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position, flowering from July to October, and while they will continue in good condition and flower for many years without attention, yet they respond quickly to and are improved by liberal cultivation. Named varieties, early and late, growing 18 to 36 inches high.

PHYSOSTEGIA VIRGINICA. 3 feet. A splendid summer-flowering perennial, with long spikes of showy soft, pink flowers, valued for bouquets.

PLATYCODON GRANDIFLORA. (BALLOON FLOWER, OR CHINESE BELL-FLOWER.) 2 feet. The attractive blue flowers are cup-shaped.

Blooms during the entire summer and is useful for the front of the border. **RUDBECKIA LACINIATA FL. PL.** (GOLDEN GLOW.) 5 to 6 feet. From July to September the tall stems are aglow with golden-yellow, dahlialike flowers.

STATICE LATIFOLIA. (SEA LAVENDER.) Great, airy panicles of lavender-colored flowers all summer. A dwarf plant, with flower spikes about 18 inches high.

STOKESIA CYANEA. (CORNFLOWER ASTER.) 1½ to 2 feet. This perennial is esteemed for its all-round good qualities. Grows very vigorously; has large, blue, asterlike flowers, which measure 1½ to 2 inches across. August and September.

Any of above 15 cts. each, \$1.50 doz.

Salvia

AZUREA GRANDIFLORA. Grows 2 to 3 feet high, producing a profusion of sky-blue flowers in August and September.

Tritoma

UVARIA GRANDIFLORA. (RED-HOT POKER.) Large brilliant crimson spikes borne on stalks 3 to 4 feet high; blooms in late summer and autumn.

Yucca

Y. FILAMENTOSA. (ADAM'S NEEDLE.) A hardy ornamental plant, with broad swordlike leaves; branching spikes of large, fragrant, pure white flowers; blooms June and July.

FRUIT TREES

So many people have inquired of us for fruit trees, that this year we have added to our catalogue a long list of Apples, Peaches, Pears, etc. Of course, there are many varieties of each that are not given here, but we don't care to deviate from our usual custom of selling only what we know to be all right. There is not a fruit listed in this catalogue that we would not plant ourselves. Therefore, any selection you make from those given here may be fully relied on. They are tested and tried sorts, and the kinds that always "make good," whether it be in the home garden or commercial orchard.

Apples

Prices of Two-Year Budded Apple Trees:

	Each	Per 10	Per 100
3 to 4 feet.....	20	\$1 75	\$13 50
4 to 5 feet.....	30	2 25	16 50
5 to 6 feet.....	35	2 75	22 00

JULY. (FOURTH OF JULY.) An excellent red Apple, fit for use in early summer.

RED ASTRACHAN. Summer. Skin red; flesh delicious.

RED JUNE. (CAROLINA RED JUNE.) Summer. Red. An excellent eating Apple.

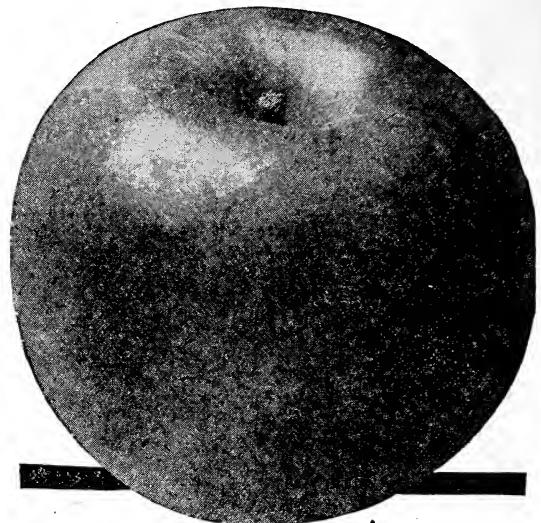
WILLIAMS. (WILLIAMS' EARLY RED.) Summer. A reddish Apple of large size; flesh is tender, juicy, and possesses a pleasing flavor.

YELLOW TRANSPARENT. Summer. A handsome Apple that grows well all over the country. Fruit is large; skin is yellowish; flesh is tender, juicy, and possesses a good flavor.

GRAVENSTEIN. Fall. A perfect fruit with a handsome yellowish skin striped with red. The flesh is yellow, firm, juicy, of excellent quality; flavor palatable.

GRIMES. (GRIMES GOLDEN.) Fall. A large size Apple, with golden yellow skin dotted gray. The flesh is tender, juicy, crisp and the flavor is good. The tree is hardy and productive.

MCINTOSH. (MCINTOSH RED.) Fall. This is a bright red Apple with white flesh, slightly pink towards the core. Flesh is juicy and has a subacid flavor. It will keep a long time and requires no special storage. McIntosh is hardy anywhere and does very well in this section.



Stayman Winesap is a very delicious Apple

YORK IMPERIAL. Winter. This is one of the most important commercial Apples grown. Its size is medium. The skin is white, with a reddish shade. The flesh is firm, crisp and juicy; flavor is pleasant and mild. The tree is vigorous and productive. Seems to do well wherever planted.

WINESAP. Winter. Wherever you see a good commercial or home Apple orchard you will find Winesap, for it grows practically anywhere north of Maryland. The fruit is of medium size, with a dark red skin; flesh is a creamy white, tender, crisp and juicy. Winesap belongs in a class by itself, for it will stand shipping long distances without losing any of its selling value. The tree is a strong grower, bears well and does it every year.

DELICIOUS. Winter. This Apple can be told anywhere on account of its shape. It is oblong, quite full at the stem, but at the blossom end it is deeply notched. In quality, Delicious is considered one of the best for commercial orchards. The fruit's color is brilliant dark red, shading to yellow at the blossom end. The flesh is perhaps the best keeping Apple you can find.

STAYMAN WINESAP. Winter. The only reason we can see why this Apple is not planted more extensively in every orchard all over the country is because it is not well enough known. Frankly, we can think of no other Apple that possesses more of every good quality than does the Stayman Winesap. Its size is large, nearly round; has a very high red color and a pleasing appearance. The flesh is white, very fine quality, juicy, and flavor is one of the best. If you have room for only a few trees, plant Stayman Winesap. If you grow for market you can't afford to overlook this variety. It is a moneymaker.

Peaches

	Each	Per 10	Per 100
1 to 2 feet.....	12	\$1 00	\$ 9 00
2 to 3 feet.....	15	1 25	10 00
3 to 4 feet.....	20	1 50	11 00
4 to 5 feet.....	25	1 85	12 00
5 to 6 feet.....	30	2 25	14 00

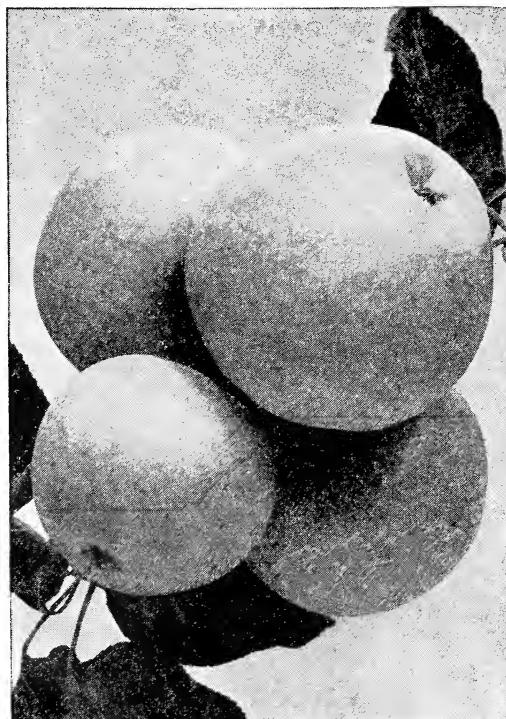
GREENSBORO. Ripens June 25 to July 10. It is yellow, with a crimson cheek; flesh is white, juicy and sweet. It is extra large for an early Peach, and on account of its firmness is considered one of the best commercial sorts. Freestone.

CARMEN. Ripens July 20. A favorite variety with many growers, for it usually produces excellent prices wherever sold. The fruit is large, pale yellow with crimson cheek. The flesh is tender, creamy white, possessing a spicy flavor. Freestone.

CHAMPION. Ripens August 1. A large Peach with creamy white skin and red cheek. The flesh is white. The flavor is sweet and very high in quality. Champion is an excellent shipper. Freestone.

BELLE. (BELLE OF GEORGIA.) Ripens August 5. A large showy fruit, with white skin and reddish cheek. The flesh is white, firm and delicious; extra high quality. This is one of the standard market varieties for the east. Freestone.

RAY. An extra large Peach of excellent form. The skin is yellowish, nearly all overlaid with red. The flesh is white and firm. The quality is high and desirable in every way. It ships well and arrives at distant markets in excellent condition. Freestone.



Yellow Transparent is one of the best summer Apples



Carman Peach is a great favorite

PEACHES—Continued

ELBERTA. Ripens August 20. This is a favored variety with many of our leading commercial growers. The fruit is large, yellow with reddish cheek. The flesh is firm, yellow, juicy; flavor is very high, and quality is excellent. Freestone.

LATE CRAWFORD. Ripens September 5. One of the leading late varieties. Is large in size; skin is yellow with red cheek. Flesh is yellow, juicy, possessing a rich flavor. Excellent for either market or home planting on account of its late ripening period. Is considered one of the leading late Peaches. Freestone.

Pears

Prices of all varieties except Kieffer

	Each	Per 10	Per 100
3 to 4 feet.....	30	\$2 25	\$16 50
4 to 5 feet.....	35	2 75	22 00
5 to 6 feet.....	40	3 50	27 50

BARTLETT. Summer. A handsome golden yellow fruit. Very popular with everyone who grows Pears. The fruit is large and shapely. The flavor is melting and sweet.

CLAPP FAVORITE. A large lemon yellow fruit with very fine flesh. Flavor rich and sweet.

DUCHESS. (ANGOULEME.) A large fruit of excellent quality. Flavor very pleasing, melting and buttery. Tree bears when quite young.

SECKEL. While not as large as some other varieties, Seckel makes up for this deficiency by its excellent flavor and high quality. The flesh is very juicy and the tree is a low grower. For either home or market use Seckel is an excellent variety.

KIEFFER. This Pear is the one that is grown perhaps more extensively than any other one variety that we can think of. Its size is large and the fruit possesses a sweet flavor. The flesh is rather coarse. Kieffer is one of the best for general planting. We have a special price on Kieffer trees.

	Each	Per 10	Per 100
3 to 4 feet, 1 and 2 years.....	20	\$1 40	\$11 00
4 to 5 feet, 1 and 2 years.....	25	1 75	13 75
5 to 6 feet, 1 and 2 years.....	30	2 25	16 50

Cherries

	Each	Per 10	Per 100
3 to 4 feet.....	25	\$1 75	\$13 75
4 to 5 feet.....	30	2 25	19 25
5 to 6 feet.....	35	2 75	24 75

SOUR VARIETIES

MONTMORENCY. Red. Very large in size. The flesh is solid, juicy, with rich acid flavor.

RICHMOND. Red. This fruit ripens quite early. Tree is thrifty and bears heavily; fruit medium sized.

SWEET VARIETIES

BALDWIN. Red. Flavor sweet and delicious.

SCHMIDT. Black. Flavor sweet and pleasing.

Plums

	Each	Per 10	Per 100
2 to 3 feet.....	20	\$1 50	\$11 00
3 to 4 feet.....	25	2 25	16 50
4 to 5 feet.....	30	2 75	22 00
5 to 6 feet.....	35	3 50	27 50

ABUNDANCE. Very large, amber color. Flesh juicy; flavor sweet.

IMPERIAL GAGE. A green variety possessing a pleasing flavor.

ITALIAN. Purple. An excellent sort for either home or market use.

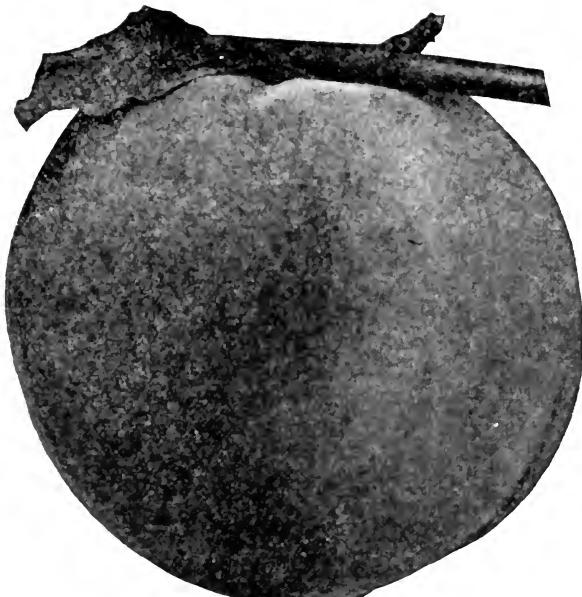
WICKSON. Red. Very large. Flesh firm; flavor delicious.

Quinces

	Each	Per 10	Per 100
3 to 4 feet.....	45	\$3 85	

CHAMPION. Large to very large. Fruit oval in shape, bright yellow. Flesh tender, and of excellent quality.

ORANGE. A large bright yellow fruit of excellent quality.



Elberta is one of the best Peaches for either market or table

SMALL FRUITS

Grapes

Strong Two-Year Vines			One-Year Vines		
Each	Per 10	Per 100	Each	Per 10	Per 100
12	85	\$6 00	12	80	\$4 40

CATAWBA. Red. This is one of the standard market varieties. Its flavor is delicious and pleasing. Keeps well and is a good shipper.

CONCORD. A fine black variety with a splendid juicy flavor. This is considered the best market grape, as it is one of the best keeping varieties. If you plant only one variety, be sure to get Concord.

NIAGARA. White. Berries are good-sized and borne in large bunches. The flesh is pulpy, tender and very sweet. Niagara is the standard white grape. Be sure to plant some this year.



It takes but a few Berries like these to make a good shortcake

Blackberries

ELDORADO. Medium size berries. Jet black in color; flavor is pleasant, melting and sweet.

Each	Per 10	Per 100
20	80	\$3 85

RATHBUN. Extra large berries, glossy black; flesh firm and of excellent quality.

Each	Per 10	Per 100
20	80	3 85

Currants

PERFECTION. Beautiful, bright red berries borne in large clusters. Flavor excellent, mild, subacid.

Each	Per 10	Per 100
20	\$1 10	\$5 50

WILDER. Red. Fruit has an excellent flavor.

Each	Per 10	Per 100
20	\$1 10	\$5 50

Dewberry

LUCRETIA. Really a trailing blackberry, but better in quality than any blackberry. Black in color, large and handsome. Flavor excellent.

Each	Per 10	Per 100
08	30	\$ 1 75

Gooseberry

DOWNING. A large handsome berry of excellent quality for either dessert or cooking purposes.

Each	Per 10	Per 100
25	\$1 35	\$8 80

Raspberries

CUMBERLAND. An excellent quality Raspberry, ripening in mid-season. The berries are large, firm and ship well. The Cumberland is considered one of the best of all black Raspberries.

Each	Per 10	Per 100
20	80	\$3 30

ST. REGIS. Bright red berries of large size. Flesh firm with a true Raspberry flavor.

Each	Per 10	Per 100
20	80	\$3 30

PLUM FARMER. A new introduction that promises in time to eclipse all other black Raspberries. Its flavor is excellent; flesh is firm and meaty, and the vine is prolific. You will make no mistake if you plant Plum Farmer.

Each	Per 10	Per 100
20	80	\$3 30

Strawberries

BUBACH. An old favorite. The plants are strong growers and the berries are of large size.

12	25	50	100	250
25	45	60	80	\$1 50

CHESAPEAKE. Widely planted because of its high value both for market and table.

12	25	50	100	250
30	50	75	\$1 10	\$2 00

GANDY. A very late variety of high value. The berries are large, keep well, and the vines bear tremendous crops.

12	25	50	100	250
25	45	60	80	\$1 50

PROGRESSIVE. Everbearing. Without doubt the greatest strawberry on the market. Bears fruit until November. Try it.

12	25	50	100	250
50	75	\$1 25	\$2 25	\$3 75

SUPERB. Everbearing. A good companion for Progressive. Berries are extra large, handsome and delicious.

12	25	50	100	250
50	75	\$1 25	\$2 25	\$3 75



Montmorency Cherries are great, big fellows

Earthen Flower Pots

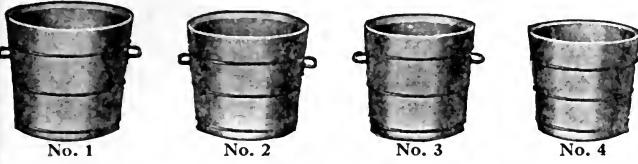
Height and width inside Ea.	Doz.	100	1,000	Height and width inside Ea.	Doz.	100	1,000		
2 in.....	01	07	50	\$ 3 96	6½ in.....	07	62	4 80	44 00
2½ in.....	01	08	56	4 45	7 in.....	08	6 00	55 00	
2½ in.....	02	09	69	5 45	8 in.....	11	\$ 1 09	8 40	77 00
3 in.....	02	11	88	6 93	9 in.....	16	1 56	12 00	110 00
3½ in.....	02	14	\$ 1 06	8 41	10 in.....	22	2 11	16 20	148 50
4 in.....	02	18	1 38	10 89	11 in.....	29	2 81	21 60	
4½ in.....	03	20	1 56	12 37	12 in.....	40	3 90	30 00	
4½ in.....	03	24	1 88	14 85	14 in.....	80	7 80	60 00	
5 in.....	03	32	2 50	19 80	16 hand-made.....	\$ 1 50	13 50		
5½ in.....	05	41	3 13	24 75					
6 in.....	05	49	3 75	29 70					

Earthen Bulb Pans

These are fine for planting with bulbs of various kinds or for ferns and other compact plants.

Diam. Inside	Each	Doz.	100	Diam. Inside	Each	Doz.	100
6 inches.....	07	68	\$ 3 75	8 inches.....	10	98	6 00
7 inches.....	08	78	4 80	9 inches.....	15	\$ 1 30	8 40

"ANCHOR BRAND" CEDAR PLANT TUBS PENNSYLVANIA STYLE
Made of Everlasting Virginia White Cedar



POULTRY SUPPLIES

THE IRON HEN—MacKay Colony Brooder

The MacKay is the original coal-burning, self-regulating Colony Brooder, and is made under basic patents.

It has many advantages over oil brooders, its safety and great fuel and labor economy, brooding up to 1,000 chicks in one flock, with only one heater, appealed strongly to the poultry experts and farmers of the country.

It soon became very popular and the MacKay has continued to be the preference of all critical poultry raisers who want the Brooder that has passed the longest and most severe tests in practical use.

The MacKay Colony Brooder, with its double heat regulation and cone-shaped deflector, insures the constantly correct temperature required to keep newly hatched baby chicks alive and growing. It has proved its chick-raising superiority on many large and small poultry plants in every part of the country. Write for circular.
Price
MacKay Junior. (Capacity, up to 300 chicks).....\$18 00
No. 1. Size—50-inch deflector. (Capacity, 800 to 1,000 chicks).....33 00
No. 2. Size—42-inch deflector. (Capacity, 300 to 500 chicks).....30 00



MacKay Junior

The original Self-Regulating, Coal-Burning Colony Brooder. Broods up to 1,000 Chicks in one flock

SHIPPING COOPS FOR POULTRY

For chickens, size 3 feet long, 2 feet wide, 1 foot high. \$1.25 each; \$12.00 per doz.

The "Lawn Park" Coop



The run-away or park is pushed inside the coop (telescopes) in cold or stormy weather and, opened or closed, the hen and brood fare perfectly sheltered and protected. Each \$2.48.

Brooder and Incubator Thermometers

50 cts. and 60 cts.
Egg Crates. Humpty Dumpty. 3 doz. size 30 cts., 6 doz. size 35 cts., 12 doz. size 40 cts.
Caponizing Set. Filling, complete \$2.50.

Drinking Fountains Keystone Grey Granite 1-quart size.....25
2-quart size.....40
1-gallon size.....50
2-gallon size.....\$1 00



Gape Worm Extractors. Each 25 cts.

Grain Sprouters

No. 1. For 25 to 40 hens.....	\$ 5 75
No. 2. For 50 to 75 hens.....	7 00
No. 3. For 100 to 150 hens.....	9 50
No. 4. For 200 to 300 hens.....	12 75

Nest Eggs. Each 3 cts., doz. 25 cts.

Hoppers. Each \$1 and \$1.50.

Leg Bands

Doz.	25	50	100
Aluminum.....	15	25	40
Celluloid.....	20	35	60

\$1 00

POULTRY FOODS

Holmes' Premo Feed

ONCE USED, ALWAYS USED

Premo Chick Feed. 10 lbs. 40 cts., 25 lbs. \$1, 100 lbs. \$3.50.

Premo Mash and Developing Feed. 10 lbs. 35 cts., 25 lbs. 75 cts., 100 lbs. \$2.50.

Premo Scratch Feed. 10 lbs. 35 cts., 25 lbs. 75 cts., 100 lbs. \$2.25.

Alfalfa Clover. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.25, 100 lbs. \$2.50.

Beet Scrap. 6 lbs. 25 cts., 10 lbs. 40 cts., 50 lbs. \$2, 100 lbs. \$3.50.

Rome Meal, for chicks. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.50, 100 lbs. \$2.50.

Charcoal. Fine and coarse. 5 lbs. 25 cts., 10 lbs. 40 cts., 50 lbs. \$1.25, 100 lbs. \$2.25.

Cut Clover. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.

Dog Cakes, Spratt's. 3 lbs. 25 cts., 6 lbs. 50 cts., 25 lbs. \$1.75.

Grit. Fine, coarse and medium. 5 lbs. 10 cts., 25 lbs. 35 cts., 100 lbs. 75 cts.

Hemp Seed. Lb. 10 cts.

Kaffir Corn. Lb. 10 cts.

Oyster Shell. Fine, coarse, medium. 5 lbs. 10 cts., 25 lbs. 35 cts., 100 lbs. 75 cts.

Puppy Cakes, Spratt's. 3 lbs. 25 cts., 6 lbs. 50 cts., 25 lbs. \$1.75.

Sunflower Seed. Qt 15 cts., 2 qts. 25 cts.

Poultry Panacea (Dr. Hess'). 1½ lbs. 25 cts., 5 lbs. 60 cts., 12 lbs. \$1.25, 25 lbs. \$2.50.

Poultry Regulator, Pratt's. 2 lbs. 25 cts., 4 lbs. 50 cts., 12 lbs. \$1.35, 25 lbs. \$2.60.

Rat Corn. Pkt. 25 cts. and 50 cts.

Louse Killer, Hess' & Pratt's. Pkts. 25 cts. and 60 cts.

Roup Remedy, Hess', Pratt's & Conkey's. 25 cts. and 50 cts.

Stock Tonic, Hess'. Pkts. 25 cts. and 50 cts.

Fur-Sol (write for circular). Bottle 25 cts.

Plant Tubs, Flower Pots, Saucers, Etc.

All prices subject to change without notice

Wood-Fiber Saucers

Absolutely waterproof and unbreakable. Plants can be stood on the finest covering of woodwork without damage.

Each	Doz.	100	Each	Doz.	100	
4-inch..	11	\$ 1 24	9 27	10-inch..	16	1 80
5-inch..	11	1 27	9 54	12-inch..	19	2 16
6-inch..	12	1 32	9 90	14-inch..	25	2 88
7-inch..	13	1 44	10 80	16-inch..	44	5 04
8-inch..	14	1 56	11 70	18-inch..	50	5 76
9-inch..	15	1 73	12 96			

Earthenware Saucers

Each	Doz.	100	Each	Doz.	100
4-inch..	02	15	\$ 1 12	08	62
5-inch..	03	18	1 40	09	78
6-inch..	04	24	1 88	11	94
7-inch..	05	31	2 12	12	17
8-inch..	06	47	3 60	14	25
					1 95
					15 00

PRICE LIST

Thickness	Inside Top Inches	Inside Bottom Inches	Depth Inches	Stave Inches	Wire Hoops	Handles	Painted	Price
Size	Inches	Inches	Inches	Inches				
No. 1	14 1/8	11 1/8	13 1/8	1 1/2	3	No. 6	No. 2 N. Y.	Green \$1 39
No. 2	14	11 1/8	12 1/8	1 1/2	3	No. 6	No. 2 N. Y.	Green 1 18
No. 3	12 1/2	10 1/2	12 1/2	1 1/2	3	No. 6	No. 2 N. Y.	Green 98
No. 4	11 1/2	9 1/2	11 1/2	1 1/2	3	No. 7	No Handles	Green 89
No. 5	10 3/4	8 1/2	10 1/2	1 1/2	3	No. 7	No Handles	Green 78

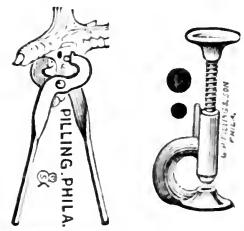
Perfection Egg Crates



Will outwear a dozen cheap crates. \$1.25 each.

Poultry Markers

25 cts. each



GARDEN TOOLS AND REQUISITES

HIGHEST QUALITY
ONLY

Lawn Rollers, Roller Bearing Hand

A child can run them.

No.	Diam.	Length	In.	Sections	Wt. Lbs.	Factory Price	Our Price
501	15	15	2	150	\$12 00	\$ 9 98	
502	15	22	3	200	14 00	10 89	
504	20	20	2	250	15 50	11 78	
507	20	24	2	300	18 50	14 52	
508	20	30	3	350	21 50	16 48	
509	24	20	2	400	24 50	17 92	
512	24	30	3	500	30 50	22 48	

F. O. B. Factory

Lawn Rollers, Water Ballast

With Counter-Balancing Weights
Ball Bearing

Diam.	Lgth.	Weight	Filled	Filled	with	Factory	Our	
No.	In.	In.	Sec.	Epty.	Water	Sand	Price	Price
602B	18	24	1	155	410	555	\$14 50	10 28
603B	24	24	1	180	525	710	18 50	12 42
604B	24	32	1	200	665	935	20 50	14 97
605B	18	24	2	175	395	520	19 50	14 28
606B	24	32	2	230	650	895	25 50	17 82
607B	24	24	2	215	505	675	23 50	16 48

Coldwell Lawn Mowers

Rajah High Wheel Ball Bearing.			
14-inch, 5-blade cylinder.			\$ 9 90
16-inch, 5-blade cylinder.			10 60
18-inch, 5-blade cylinder.			10 90
20-inch, 5-blade cylinder.			11 98

Suburban Ball Bearing

12-inch, 4 blades	\$ 5 19
14-inch, 4 blades	5 39
16-inch, 4 blades	5 98
18-inch, 4 blades	6 78

Coldwell Motor Mowers. Write for details and prices.

Coldwell Horse Mowers. Write for details and prices.

Write for prices on Golf Mowers for Putting Greens.

Lawn Mower

Orchid Ball Bearing High Wheel

10-inch. Driving Wheel	\$ 5 29
14-inch	5 59
18-inch	5 79



Lawn Trimmers

For trimming close to walls or fences.

Coldwell's 8-in cut....\$5.79

Liquid Measures

Graduated Pint	.15 cts.
Quart	.15 cts.
Dry Measures	

1/4 pint	.6 cts.
1 pint	.8 cts.
1 quart	.10 cts.

Rittenhouse Mole Trap

The simplest and surest Mole Trap ever invented—self-setting.

72 cts.

Mastic

'An improved putty.
1 gallon.....\$1 40
5 gallons.....\$6 75

Mastica Machine

For applying putty.
\$1.25

Moss, Sphagnum, Dried

Barrel	\$ 1 25
5 barrel bale	\$2 50

Pencils, Indelible

5 cts. and 10 cts.

For writing on labels.

Hand Tools

Powder Gun, Little Giant



\$ 6.59

Putty Bulbs

For applying mastica and putty.	
Each	98
By mail	\$1 09

Putty, Twemlow's English

Gallon	\$ 1 45
5 gallons	1 25

Raffia

Colored, in all shades.	
1/4 lb.	15
1 lb.	50
5 lbs.	\$2 25

For tying; natural color.

1 lb.	20
5 lbs.	90

Saws, Pruning Duplex (double edge)

18-inch	85
20-inch	\$1 15

Pruning (single edge)

14, 16, 18, 20 and 24-inch	60 cts., \$1, and \$1.25.
70 cts., \$0.80	

Rakes



24c and 48c

Automatic Self-cleaning.

22-tooth	49 cts.
26-tooth	59 cts.

The Gibb. Wire.....37 cts.

Steel

12-tooth	50 cts.
14-tooth	60 cts.
16-tooth	75 cts.

Curved Oak

Wooden. Ordinary.....25 cts.

Silkaline

For Stringing Smilax.

Spool.....25

Lb.....\$1 50

Reed—Nu-Reed

The genuine Reed is manufactured in Germany, but owing to an embargo placed upon them by the German Government, their importation is now possible.

Nu-Reed is a manufactured paper Reed so identical in size and character as to make it a most excellent substitute for the genuine Reed. Sample cards upon application.

No.	1/4 lb.	1/2 lb.	1 lb.
0	30	50	90
1	30	50	88
3	25	45	80
4	25	40	75
6	25	40	70
7	20	35	65
8	20	35	65
9	20	35	65
11	20	35	65

4 Yards for 10 cts.

Scissors	\$1 00
Flower	\$1 00
Vine. 7-in.	1 25

Seeders



Seeder No. 3

The Rittenhouse

Formerly sold under the name of "The Little Giant"

Has a pressed tin four-flange, distributing wheel and lathe-centered gearings making it easy running.

Accurate gauge.

Sloping feed board and force-feeding steel frame. Handhold and shield. Each 98 cts.

Seeder No. 4

The Rittenhouse

Each.....87 cts.

Shears

With pruning notch, 8-inch blade, \$1.50.
9-inch blade \$1.75; 10-inch blade \$2.00.

English Hedge

For tree and heavy hedge.....\$2 49

Tree Pruning, Waters	Pole
8 ft.	\$1 00
10 ft.	1 15
12 ft.	1 25

Pruning

7 in.	75
8 in.	\$1 00
9 in.	1 25

Sheep or Grass

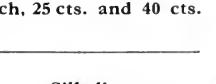
24c and 48c



Sickles

Extra fine.

Each, 25 cts. and 40 cts.



Silkaline

For Stringing Smilax.

Spool.....25

Lb.....\$1 50

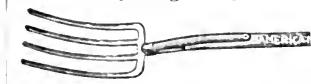
A

B

C

Each

Spading Forks



4 tines.....62 cts. 5 tines.....76 cts.

Spades, Steel.....59 cts.

Stakes.....

Heavy Rose or Dahlia

Painted green.....

Doz. 100

1 1/2 feet 75 \$4 85

3 1/2 feet 88 5 68

4 feet 100 6 50

5 feet 125 8 15

6 feet 155 9 80

Wooden, Round Tapering

Painted green.....

Doz. 100

1 1/2 feet 17 1 00

2 feet 28 1 70

2 1/2 feet 40 2 46

3 feet 51 3 26

3 1/2 feet 63 4 00

4 feet 75 4 80

5 feet 88 5 60

Thermometers

Copper case.....

Greenhouse, Tested

Register heat and cold.

Self-Registering.....\$3 00

Brass Point

Hotbed, Mushroom.....35

Each.....

Doz. 35

Dairy. For testing milk.

Incubator. Tested.....59 cts.

Brooder. Tested.....49 cts.

Each.....

"Norcross"

Three Sizes

Detachable Steel

Prongs, Malleable

Head, Extra

High-Grade Handles

"Midget" Weeder. 9-inch

handle

No. 11

Each.....25 cts.

Prepaid.....33 cts.

No. 33. 3-prong; 4-foot

handle.

Each.....50 cts.

Prepaid.....60 cts.

No. 55. 5-prong; 4-foot

handle.

Each.....75 cts.

Prepaid.....85 cts.

Weights—3 lbs., 2 lbs., 12 ozs.

Weeders

A

B

C

Each</

LADDERS AND TRELLISES

AT FACTORY PRICES—NO MIDDLEMEN'S PROFITS

Rope
and
Pulley
Extension
Ladder

With Heavy Malleable Iron Automatic Hooks

This is a slight departure from the regular Windlass Extension Ladder, being more convenient, especially on 20 to 40-foot ladders.

It has automatic hooks same as the Windlass Extension and is operated by the rope. It can be easily and quickly taken apart and put together.

Prices f. o. b. factory:

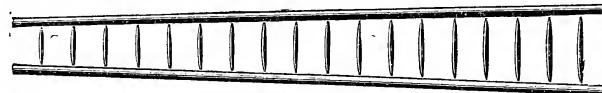
20 to 30 ft., per ft. 20 cts.
32 to 40 ft., per ft. 22 cts.

Not made in three sections.

Allow 2 feet for lap on ladders 32 feet and under, and 3 feet on ladders over 32 feet.

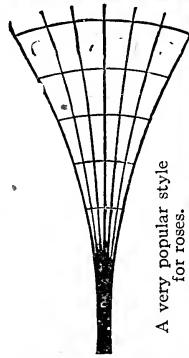
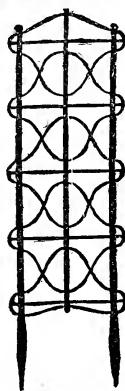
\$3.75

A Ladder like
this 20 ft. long
for only.....



Only
\$2.95
for a Ladder like
this, 20 ft. long

SINGLE, ROOF AND POINTED FRUIT LADDERS



A very popular style
for roses.

Wooden Fan Trellis

Veranda Trellis	Feet Wide	Price	Price
	18-inch	19	
	24-inch	29	
	30-inch	39	
	36-inch	69	
5-18 in.	98	42-inch	78
6-18 in.	1 18	48-inch	89
7-18 in.	1 34	60-inch	1 09
8-18 in.	1 62	72-inch	1 32
9-20 in.	1 89	84-inch	1 54
		96-inch	1 79

These Ladders are made of strictly first-class stock, with 1½-inch straight, air-dried stock.

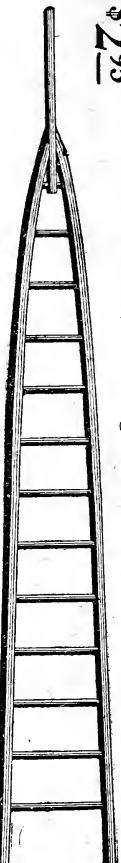
The Pointed Fruit Ladder has a 2-foot point. Ladders measured full length.

The Roof Ladders are made straight throughout the entire length; hooks put on in same manner as on Lightning Rod Ladders, and stay anywhere on the roof they may be placed.

List Prices on Single and Pointed Ladders

6 and 8 ft., per ft.	11 cts.
10 and 12 ft., per ft.	13 cts.
14 and 16 ft., per ft.	14 cts.
18 ft., per ft.	15 cts.
20 ft., per ft.	16 cts.
22 ft., per ft.	17 cts.

For prices on Roof Ladders add 50 cents net each to price of Singles for roof hooks.

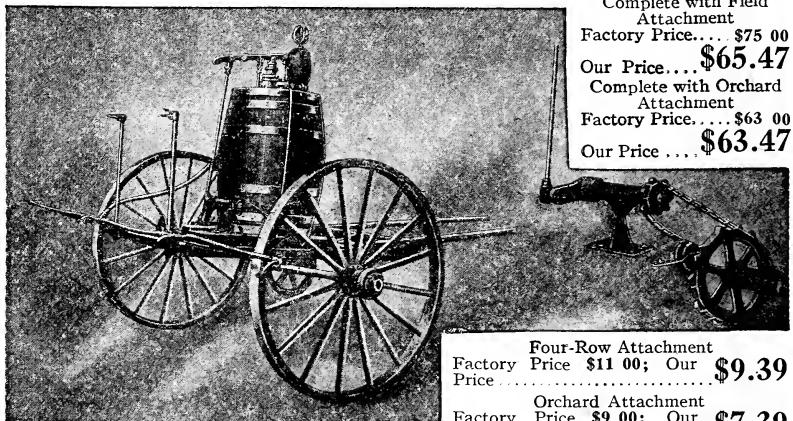


Complete with Field Attachment
Factory Price.... \$75.00

Our Price.... **\$65.47**

Complete with Orchard Attachment
Factory Price.... \$63.00

Our Price.... **\$63.47**



Four-Row Attachment
Factory Price \$11.00; Our **\$9.39**

Orchard Attachment
Factory Price \$9.00; Our **\$7.39**

Auto Compressed-Air Sprayer No. 1

This is without doubt the standard of all Compressed-Air Sprayers. It consists of a 4-gallon reservoir, made of heavy material, either brass or galvanized steel as ordered. It is operated by working an air pump, with which air is compressed on top of the solution. A few strokes of the plunger will compress enough air to operate the machine several minutes, and two pumpings will discharge all of the contents. This Sprayer is made of heavy material we strongly recommend, is practically indestructible, because it can not be affected by the various spray solutions. No other Sprayer will do such a variety of work, and do it so well. The cut shows the air chamber and reservoir, also auto-pop nozzle.

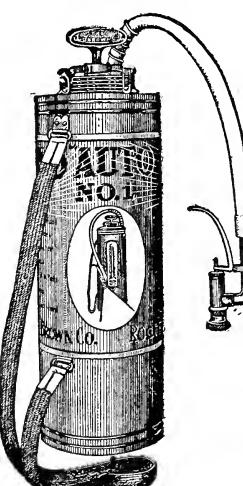
Factory
Price

Brass tank, with auto-pop nozzle.....	\$8.50
Galvanized steel tank, with pop nozzle.....	5.50
Auto-pop nozzle, supplied separately.....	1.50
Brass extension rods, in 2-foot lengths.....	.50

ERADO is made entirely of metal and is so built that it is practically indestructible.
EXCLUSIVE FEATURES—ERADO KILLS WEEDS

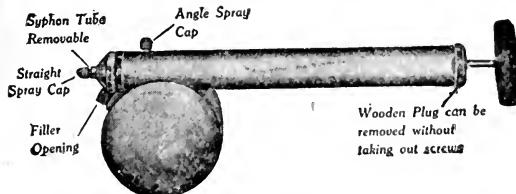
One may use this tool every day without injuring the hands. Refilling is a simple matter. ERADO has two knives which enables the operator to cut off the tops of weeds easily. The knives are fastened in the metal and can not be broken off. The valve spring is heavy bronze and will not be corroded by solutions used for killing weeds. Try Erado. It is guaranteed. If it is not entirely satisfactory you can return this implement for the full purchase price.

Galvanized iron cylinder, brass tip, iron handle.....	.75
Painted steel cylinder, brass tip, iron handle.....	.60
Brass-covered cylinder, brass tip, iron handle.....	.75
Solid brass, with iron handle	\$1.25



Auto-Spray No. 37C Continuous Sprayer

Capacity one quart



Will handle all solutions, insecticides and disinfectants. May be used for all plant life, in the greenhouse, kitchen garden, for rose bushes and in the poultry house.

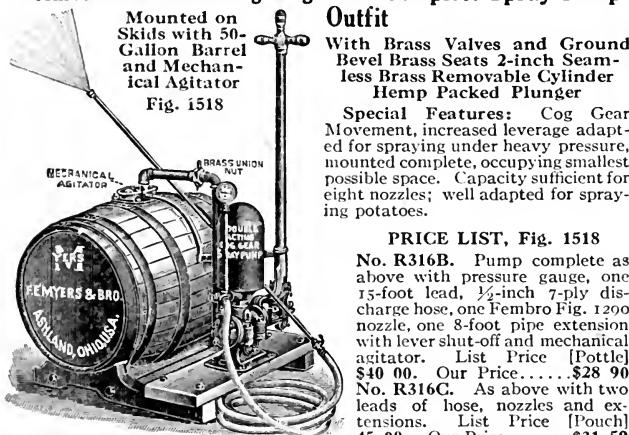
One quart, tin pump, brass tank. Factory Price \$1.25. Our Price.....\$1.00

Auto-Spray No. 22A

Factory Price 60c. Our Price.....49c

Holmes' Double Acting Cog Gear Complete Spray Pump Outfit

Mounted on Skids with 50-Gallon Barrel and Mechanical Agitator
Fig. 1518

**Holmes' Lever Bucket, Imperial, Little Giant and Defiance Spray Pumps**

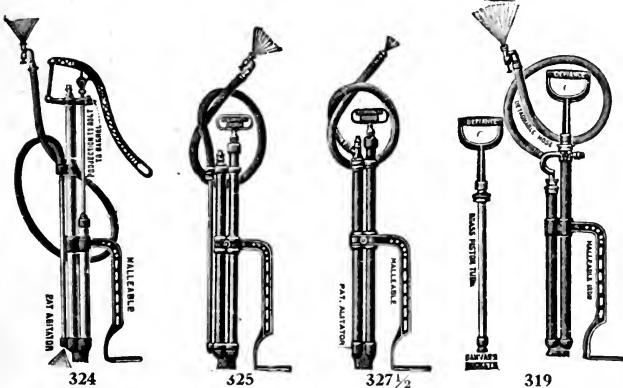
Detachable Hose—Brass Ball Valves—Patent Agitator. All Working Parts Brass Plunger can be withdrawn through Top of Pumps

Lever Bucket

Imperial

Little Giant

Defiance



Myers Bucket Spray Pumps are constructed entirely of brass. They are provided with a large air chamber, brass ball valves and detachable hose. Have patent jet agitator to keep spraying solution thoroughly mixed and agitated and are fitted with malleable foot rest. Especially adapted for small orchards, shrubbery, whitewashing, etc.

PRICE LIST

No. 324. Myers Lever Bucket as described above, with Vermorel nozzle. Price.....[Fresh] \$6.00 \$4.69

No. 325. Myers Imperial, with Vermorel nozzle. Price.....[Friction] 5.00 4.09

No. 327½. Little Giant, with Imperial nozzle. Price.....[Friar] 4.00 2.98

No. 319. Myers Defiance, with Vermorel nozzle. Price.....[Peat] 6.00 4.69

Bordeaux Nozzle instead of Vermorel, furnished when specified, except on No. 327½ pump.

Non Clog Jr.**SPECIAL FEATURES**

Strength, simplicity and balanced construction; a nozzle which DOES NOT and CAN NOT CLOG, and the ONLY CLOGPROOF NOZZLE, on a compressed air sprayer, no matter what competitors claim.

Factory Price 60c. Our Price.....49c



Capacity about 1 quart.

Single-acting hand atomizers.

Made from good heavy material and in several styles.

Used as a cheaper machine for the same purposes as the Auto Spray No. 37.

Pump Cylinder No. 22A. 14 inches x 1 3/4 inches diameter. Length over all 20 inches. One jet, tin reservoir.

Pump Cylinder No. 20B, No. 20E. 14 inches x 2 inches diameter.

Auto-Spray No. 20B, No. 20E

Automatic and entirely of brass.

Each

\$1.49



Automatic and entirely of brass.

Each

\$1.49

Factory Price 75c.

Our Price

60c



Fig. 1542

Holmes' O. K. Spray Pump

For Hot, Cold or Any Kind of Mixture

Has Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Valve and Seat. Malleable Iron Handle Fig. 1542 with adjustable malleable base, with two leads of 15 foot 7-ply, 1/2-inch hose and two Fembro (Fig. 1290) nozzles. (Without barrel.) Price, each [Prod] \$27.50. Our Price \$18.90.

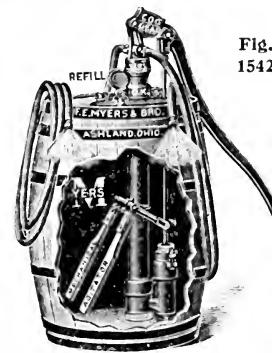
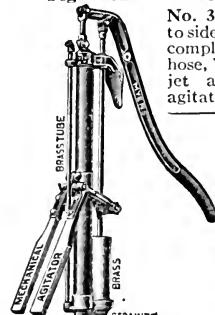


Fig. 1542

Holmes' Small Barrel Pump

Fig. 305B

See illustration No. 305B. Attaches to side of barrel. Price complete with 15-ft. hose, Vermorel nozzle, jet and mechanical agitator. no bbl \$8.89.

**Holmes' O. K.****Spray Pump**

With Malleable Iron Base

Mounted Complete with Skids and Fifty-Gallon Barrel

Has Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Valve and Seat



Fig. 1570

PRICE LIST

Fig. 1570 complete with one lead of 15 feet of 7-ply discharge hose and Fembro nozzle. Price [Prod] \$30.00; our price \$20.59.

Holmes' Handy Portable Sprayer

PATENTED
Fig. 1614

With Cog Gear Spray Pump and Mechanical Agitator

Made of extra heavy Galvanized Iron. Capacity 12½ Gallons.

Suitable for Spraying Trees, Whitewashing, Painting, Etc.

Myers Handy Portable Sprayer

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Holmes' Whitewash, Cold Water Painting Machine and General Purpose Sprayer

With Patent Double Agitator. A Complete and Serviceable Outfit

The tank is made of heavy galvanized iron with a wide bottom, with removable cover which prevents any spilling or splashing of the liquid. Holds 7 gallons.

The pump is our regular No. 324 Bucket Spray Pump, as shown under Fig. 632, fitted with Bordeaux nozzle, brass ball valves, and has both jet and dasher agitator.

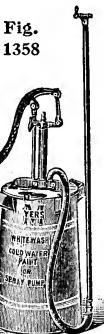
PRICE LIST

List Price	Our Price
------------	-----------

No. 329. Fig. 1358 complete as illustrated.

\$11.00 \$7.90

Fig.
1358



The Perfection Compressed Air Pump

Guaranteed 60 Pounds Pressure

Here's what the Perfection No. 22 will do—built to work at and stand a higher pressure. Guaranteed to be of superior quality and construction to any manufactured. The only sprayer of this type that will empty its contents in one pumping. Will spray any insecticide, including Bordeaux mixture, disinfectants or whitewash.

Equipment—Tank is furnished in either galvanized steel or all brass, a powerful all brass pump screws into top of tank, thus eliminating any possible leaking of air. Furnished complete with three feet discharge hose, spray nozzle, shut-off cock and shoulder strap, galvanized tank. Price \$7.80, our price \$5.99.

Same as above, all brass, \$9.70, our price, \$7.25.

Shut-off cock in place of regular cock, extra 55 cts.

DAIRY SUPPLIES

Bottle Brushes



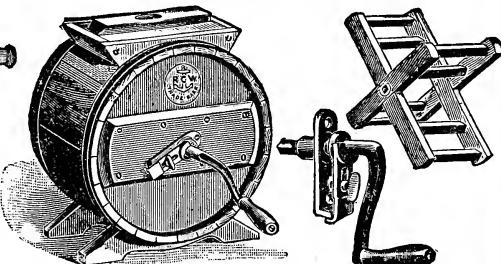
Hand, from 25 to 35 cts.

Iron Clad Butter Boxes



12-lb. prints	\$4.75
20-lb. prints	5.25
30-lb. prints	5.99
42-lb. prints	6.29
56-lb. prints	7.99
80-lb. prints	8.49
96-lb. prints	8.29
120-lb. prints	9.29

Cedar Cylinder Churn



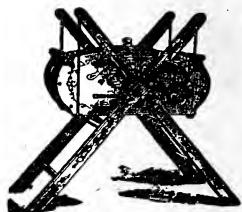
Double Dasher

Will churn	Each
No. 1. 3 gallons.....	\$2.79
No. 2. 4 gallons.....	3.29

Thumb Screw Lock

Will churn	Each
No. 3. 7 gallons.....	\$3.68
No. 4. 10 gallons.....	4.29

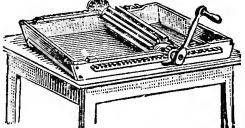
Davis Swing Churn



NOTE—The capacity is twice the amount they churn.

Will churn	Price
No. 1. 4 gallons.....	\$6.99
No. 2. 5 gallons.....	7.79
No. 3. 8 gallons.....	9.49
No. 4. 10 gallons.....	10.89

Butter Workers.



No. 1. Capacity 50 lbs.....	\$7.97
No. 2. Capacity 30 lbs.....	5.99
No. 3. Capacity 20 lbs.....	5.39
No. 4. Capacity 10 lbs.....	4.97

Larger sizes quoted on application.

Butter Printer

1/2 Pound, complete \$1.49.

The Sturges Steel Churn

Butter making with a Steel Churn is a pleasure and not a drudgery, as the old way has been.

Sanitary—Easy to Clean

They are steel—not a piece of wood about them—will not absorb moisture, so can not become soaked. No seams to open up nor hoops to drop off in the sun. Mounted upon a strong welded steel base that will last a lifetime.

Made in Three Sizes

Gal.	Gal.	Factory Price	Our Price
No. 1. 5 churns $\frac{1}{2}$ to $2\frac{1}{2}$.	Each.	\$5.50	\$3.89
No. 2. 7 churns $\frac{1}{2}$ to $3\frac{1}{2}$.	Each.	6.50	4.69
No. 3. 10 churns $\frac{1}{2}$ to 5.	Each.	7.25	5.86

We can also furnish pulley for power attachment.

WYANDOTTE CLEANER

Absolutely more of this cleaner used than all others. This is the best proof that it is the best cleanser for dairymen and farmers to use in cleaning cans, buckets, separators, strainers, churns, coolers, cows, the clothes, etc. Full directions for using with each order. 5-lb. bag 25 cts., 80-lb. keg \$3.25, 280-lb. barrel \$8.50.

Barrel Churn

Barrel Churn, no Dasher,
Either Stationary or Fold-
ing Stand

Will churn	Price
No. 0. 3 gallons.....	\$2.98
No. 1. $4\frac{1}{2}$ gallons.....	3.37
No. 2. 7 gallons.....	3.79
No. 3. 9 gallons.....	4.42
No. 4. 12 gallons.....	5.19
No. 5. 16 gallons.....	5.98
No. 6. 22 gallons.....	8.27
No. 7. 28 gallons.....	9.97

MILK KETTLES Strong and Dura- ble—Anti-Rust Tinware

Milk Bottles

Special price on
larger quantity.

Dozen

Ozs. 65c, pts. 55c,
 $\frac{1}{2}$ pts. 45c.

Gross

Ozs. \$7.50, pts.
 $\frac{1}{2}$ pts. \$4.75.

10 Gross

Ozs. \$6.75, pts.
 $\frac{1}{2}$ pts. \$4.50.

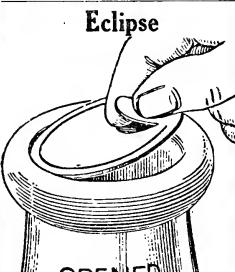
All our Iron-Clad Cans are made of steel and heavily tinned by the hand-dipping process after they are formed.

NOTE—While the cost of manufacturing these Cans has increased considerably it will be noticed our prices have not been increased.

Iowa Pattern Fig. 623

20 quarts.....\$2.75

32 quarts.....3.50



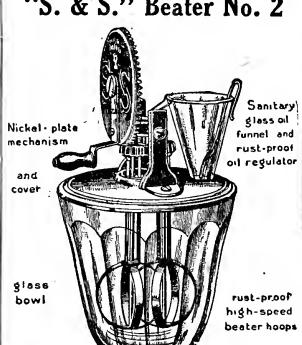
OPENED

Eclipse Caps with patent lift-flap on top; most convenient cap made. A sure trade getter. Send for sample. 1,000 45 cts., 5,000 \$1.75, 1 barrel, 50,000 \$14.00. We print your name and advertisement on the caps free on orders of 50,000.

Milk Bottle Caps

NOTE.—Our business in caps more than doubled last year. Why? Because we sell the highest grade cap at a less price than others sell the poorest grade.

"S. & S." Beater No. 2



IT BEATS EVERYTHING!

This handsome, time-saving device is an ideal holiday gift, suitable for any time of the year. It is invaluable to the housekeeper when making the Thanksgiving and Christmas delicacies and in the hot summer months for the cool beaten frostings and whipped desserts. It is in service all the year for omelets, salad dressings, etc. Write for descriptive circular.

No. 1.....\$1.39 No. 2.....98 cts.

Pails

Jersey com-

bination

10 quarts

50 cts.

12 quarts

65 cts.



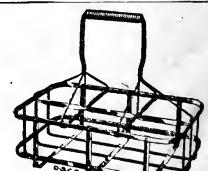
Milk Bottle Baskets

6-bottle size

\$1.25

8-bottle size

\$1.50



INSECTICIDES, FUNGICIDES, ETC.

Aphine

A powerful insecticide, but does not affect the most tender growths. Mix one part of Aphine to forty parts of water for use. $\frac{1}{4}$ pt. 25 cts., $\frac{1}{2}$ pt. 40 cts., pt. 65 cts., qt. \$1, gal. \$2.50.

Arsenate of Lead

Popular remedy for use against all eating insects that attack foliage and fruit trees. Use 2 or 3 pounds to 50 gallons of water. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 25 lbs. \$3.75, 50 lbs. \$7, 100 lbs. \$12.

"Black Leaf 40"

A concentrated solution of nicotine sulphate. Active ingredient, nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be "hit" by spray to be affected. Against green and rosy apple, aphis, pear psylla, hop louse, etc., 1 fluid ounce "Black Leaf 40" to 8 gallons water. Against black aphis, wooly aphis, 1 fluid ounce "Black Leaf 40" to 6 gallons water. Add soap as follows: One pound of fish oil soap to each 30 gallons water, which lessens formation of drops and gives better penetration. Dissolve the soap in the water before adding "Black Leaf 40." Keep solution well stirred while spraying. Full directions for all uses on each bottle. Oz. bottle 25 cts.

Bordeaux-Arsenate

This is a combination of arsenate of lead and bordeaux mixture. Its use combines an application of fungicide and insecticide at one time. A pound dissolves with 5 gallons of water. It sticks to the foliage and will not wash off for a long period. Lb. 25 cts., 2 lbs. 40 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 25 lbs. \$3.25, 50 lbs. \$7, 100 lbs. \$12.

Bug Death

A nonpoisonous powder, extensively used for cabbage and tomato worms, potato and cucumber bugs, etc. Lb. 15 cts., 3 lbs. 35 cts., 5 lbs. 50 cts., 12½ lbs. \$1, 100 lbs. \$7.50.

Fungine

An infallible fungicide for destroying mildew, rust, bench rot, etc. $\frac{1}{2}$ pt. 30 cts., pt. 50 cts., qt. 75 cts., gal. \$2.

Lime Sulphur (Dry Powder Form) B. T. S.

Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water; dilute 1 pound to 6 gallons of water; does not separate; keeps indefinitely. Lb. 25 cts., 5 lbs. \$1.15, 10 lbs. \$1.50, 25 lbs. \$3.25, 50 lbs. \$5, 100 lbs. \$8.

Lime-Sulphur Solution

For San Jose Scale. Gallon dilutes 12 to 15 gallons of water. Qt. 30 cts., gal. \$1, 5-gal. can \$2.25, 10 gals. \$3.75, half bbl., about 30 gals. 25 cts. per gal., bbl., about 50 gals., 20 cts. per gal.

HIGH-GRADE FERTILIZERS

PRICES SUBJECT TO
MARKET CHANGES

Ashes, Canada Wood, Unleached

For lawns, gardens and fruits, hardwood ashes are unequalled; they supply natural plant food, permanently enriching the soil. Apply 3,000 pounds to the acre. Bbl., about 200 lbs. \$3, ton (2,000 lbs.) in bbls. \$25.

Bone, Ground

A little coarser than the above; suitable for general purposes. 100 lbs. \$3, 200 lbs. \$5.50, ton \$4.50.

Bone Meal (Flour)

This is a very pure, finely pulverized form of ground bone, especially prepared for rose-culture, top-dressing for lawns, and for potted plants. Lb. 10 cts., 10 lbs. 50 cts., 100 lbs. \$2.50, 200-lb. bag \$4.50, ton \$36.

Holmes' Plant Food

Very effective, clean and easily applied. Pkg. 15 cts., 4 pkgs. 50 cts. (by mail, 20 cts. per pkg.).

Lime, Agricultural

Valuable for sweetening sour lands and improves the physical nature of the soil; also renders clay lands more friable. Indispensable for starting alfalfa crops. It is specially prepared for use on the soil and is a combination of calcium-hydrate and calcium-carbonate, finely pulverized. For heavy soils use 2,000 to 5,000 pounds to the acre; light, sandy soils, 1,000 to 3,000 pounds to the acre. In bags, ready for use. 100 lbs. \$1, ton \$16.

Moss

Sphagnum. (Dry.) Very useful for mixing in soil for potting. Bale containing about 5 bbls. \$3.50.

Paris Green

Unexcelled for the destruction of potato bugs and other insects that eat foliage. $\frac{1}{4}$ lb. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 5 lbs. \$1.90, 14 lbs. \$5. (Liable to fluctuate in price.)

Calphine

A sanitary cleanser, disinfectant and germicide, for poultry, flies, ants, roaches, cellars and musty places, kennels, etc. The best article ever used. Send for circular. PRICES: Per can 15 cts., postpaid 20 cts. IN BULK, 25 lbs. \$3, 50 lbs. \$5, 100 lbs. \$9.

Kerosene Emulsion

For plant lice of any kind, cabbage worm, scale insects on apple, pear and other trees. Qt. 40 cts., gal. \$1, 5 gals. \$4.

Slug-Shot, Hammond's

Guaranteed to destroy potato bugs and those on tomato and eggplants, currant worms, cabbage lice and worms. 1-lb. shaker box 15 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. \$6.

Tobacco Dust

If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects. 1-lb. shaker box 15 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. \$3.50.

Tobacco Stems

For fumigating plants and destroying insects in hothouses, etc. In bales of 100 lbs. \$1.75.

Tree-Tanglefoot

A perfect safeguard for trees and shrubs against gypsy and brown-tail moths and other creeping insects. Lb. 30 cts., 3 lbs. 85 cts., 10 lbs. \$2.65, 20 lbs. \$4.80.

Whale Oil Soap

Caustic soft soap. $\frac{1}{4}$ lb. 10 cts., $\frac{1}{2}$ lb. 15 cts., lb. 20 cts., 5 lbs. 75 cts., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5, bbl. of about 425 lbs. \$17.

Bordeaux Mixture

For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungous diseases. Lb. box 20 cts., 5 lbs. 75 cts., makes 25 gallons spray; 10 lbs. \$1.25, makes 50 gallons spray; 25-lb. box \$3, makes 125 gallons.

Fly Chaser

The finest article for affording comfort to cattle. They will yield more milk and remain in better condition. Qt. 35 cts., gal. \$1, 5 gals. \$4.

Weed Killer

For killing weeds in walks and drives. Qt. 35 cts., gal. \$1, 5 gals. \$4, 10 gals. \$7.50.

PRICES SUBJECT TO
MARKET CHANGES

Muriate of Potash

A high-grade fertilizer, and one of the best for use, especially for orchard and peach cultivation and as a general stimulator. 100 lbs. \$3.50.

Nitrate of Soda

It is valuable for grain, corn, beets, potatoes, grasses, peas, beans, clover, etc. Being extremely soluble, it should not be applied until the plants are above ground, using 100 to 500 pounds to the acre, mixed with wood ashes. Lb. 10 cts., 5 lbs. 45 cts., 10 lbs. 80 cts., 25 lbs. \$1.75, 50 lbs. \$3, 100 lbs. \$5.

Rex Humus

A GIFT TO THE WORLD FROM NATURE'S TREASURE-VAULT

It makes things grow beyond all belief. Mix it with the soil in your flower-boxes, flower-pots, flower-beds, garden, and around your trees and shrubbery. Rake it into your lawn. You will be amazed at the results.

Rex Humus is a plant-food in highly concentrated form. Nature alone can produce so perfect a fertilizer. Chemical fertilizers are temporary plant stimulators—not soil builders. Their effects are not lasting.

Rex Humus is not only a quick stimulant but a permanent plant-food and soil builder. 100 lbs. \$1.50, 200 lbs., in bags \$2.70, 600 lbs., in bags \$7.50, 1,000 lbs., in bags \$10, 2,000 lbs., in bags \$16.

Sheep Manure, Pulverized

Use about one ton to the acre, and apply in the fall or early spring. Excellent as a top-dressing for lawns. Its effect is immediate and lasting. Also valuable for mixing with soil for greenhouse plants, one part of manure to six parts of soil. When used as a liquid manure, use 1 pound to 5 gallons of water. 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. \$1.25, 100 lbs. \$2, ton \$35.

Sulphate of Ammonia

Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 50 lbs. \$2.50, 100 lbs. \$4.50.

Prices subject to change without notice.

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